

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. Lease Designation and Serial Number:

ML-48186

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Drunkards Wash UTU-67921X

8. Farm or Lease Name:

Utah

9. Well Number:

25-391

10. Field or Pool, or Wildcat:

Drunkards Wash

11. Qtr/Qtr, Section, Township, Range, Meridian:

SE/4 SW/4 Section 25, T14S,
R08E, SLB&M

12. County:

Carbon

13. State:

UTAH

17. Number of acres assigned to this well:

160

20. Rotary or cable tools:

Rotary

22. Approximate date work will start:

August 2000

1A. Type of Work

DRILL ☒DEEPEN ☐B. Type of Well: OIL ☐ GAS ☒ OTHER:SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator:

River Gas Corporation

3. Address and Telephone Number:

1305 South 100 East, Price, UT 84501 (435)637-8876

4. Location of Well (Footages)

At Surface: 885' FSL, 1595' FWL

At Proposed Producing Zone:

14. Distance in miles and direction from nearest town or post office:

9.2 miles west of Price, Utah

15. Distance to nearest property or lease line (feet):

885'

16. Number of acres in lease:

640.00 Acres

18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet):

2200'

19. Proposed Depth:

4325'

21. Elevations (show whether DF, RT, GR, etc.):

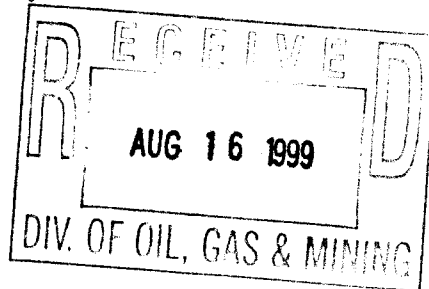
6947' GR

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14"	12-3/4"	Conductor	25'	
11"	J-55 8-5/8"	24.26#/ft	433'	180 sks G+2%CaCl+1/4#per sack flocl
7-7/8"	N-80 5-1/2"	17.726#/ft	4325'	415 sks 50/50poz8%gel+2%CaCl+10%extende
				75 sks "G" thixotropic
		4' to match drilling program		

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.



ORIGINAL

CONFIDENTIAL

24.

Name & Signature: Don S. Hamilton

Don S. Hamilton

Title: Permit Specialist

Date: 8/10/99

(This space for state use only)

API Number Assigned:

43-007-30601

Approval:

Township 14 South

Range 8 East

West - 5278.68' (Recorded)

N00°01'W - 5280.0 (Recorded)

North - 5280.0' (Recorded)

25

Drill hole 25-391
Elevation 6947.33
N-4380278.82
E-501923.02

1594.95

884.79

SW Corner

S89°58'W - 5281.32' (Recorded)

LEGEND:

- Drill Hole Location
- ⊕ Found Section Corner Monumented w/ Brass Cap unless noted otherwise
- Brass Cap (Searched, Not Found)
- ▲ Calculated Corner

SCALE:

250' 0' 500' 1000'



Location

The Bearings Indicated are per the recorded plat obtained from the U.S. Land Office. The well location was determined using a Trimble 4400 GPS Unit.

Basis Of Elevation:

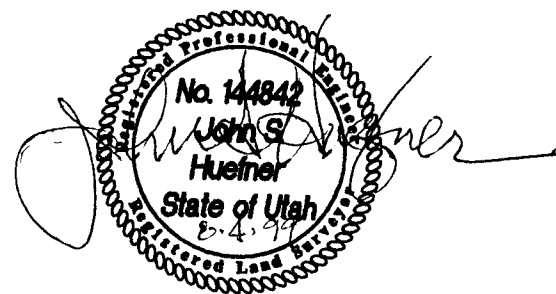
Basis of Elevation of 6968" as indicated on the SW Corner of Section 25, Township 14 South, Range 8 East, Salt Lake Base and Meridian, as indicated on the Pinnacle Peak Quadrangle 7.5 Minute Series Map.

Description of Location:

Proposed Drill Hole located in the SE 1/4, SW 1/4 of Section 25; being 884.79' North and 1594.95' East from the SW Corner of Section 25, T14S, R8E, Salt Lake Base & Meridian.

Surveyor's Certificate:

I, John S. Huefner, a Registered Licensed Land Surveyor, holding Certificate #144842, State of Utah, do hereby certify that the information on this drawing is a true and accurate survey of the land, and was conducted under my personal supervision, as shown hereon.



DRAWN BY:
J. TIMOTHY

CHECKED BY:
J.S.H.

DATE:
8/03/99

SCALE:
1"=1000'

SHEET NO.
519

DRAWING NO.

A-1

SHEET 1 OF 4

3208 South 125 West
Price, Utah 84501
(801) 637-8300
FAX (801) 637-2833



Service

River Gas Corporation

Well# 25-391

Section 25, T14S, R8E, S.L.B.&M.
Carbon County, Utah



RIVER GAS CORPORATION

UTAH OPERATIONS

1305 South 100 East

Price, Utah 84501

Bus. (435) 637-8876

FAX (435) 637-8924

August 10, 1999

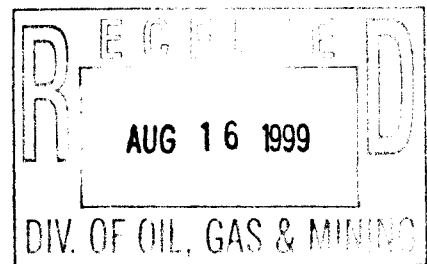
Mr. John Baza
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
SLC, Utah 84114-5801

RE: Application for Permit to Drill-
Utah 25-391, SE/4 SW/4 Sec.25
T14S, R08E, SLB & M, Carbon County, Utah

Dear Mr. Baza:

Enclosed is the original of the *Application for Permit to Drill* (APD). Included with the APD is the following information:

- Exhibit "A"- Survey plat of the proposed well site;
- Exhibit "B" - Proposed Location Map with Pipeline, Power, and Road Access;
- Exhibit "C" - Drilling Site Layout;
- Exhibit "D" - On-site Inspection Checklist;
- Exhibit "E" - Production Site Layout;
- Exhibit "F" - Typical Road Cross-section;
- Exhibit "G" - BOP Diagram;
- Exhibit "H" - Typical Wellhead Manifold;
- Exhibit "I" - Evidence of Bond;



ORIGINAL

CONFIDENTIAL

Proposed gas, water, and utility line routes from the wellsite are shown in Exhibit "B", but are subject to change if requested by the land owner or his/her representative.

Please accept this letter as River Gas Corporation's written request for confidential treatment of all information contained in and pertaining to this permit application, if said information is eligible for such consideration.

This well is located further than 460' from the exterior boundary of the Drunkards Wash Federal Unit and from the boundary of any uncommitted tract within the Drunkards Wash Federal Unit and will not require the administrative approval in accordance with Utah Administrative Code Rule R649-3-3.

Thank you very much for your timely consideration of this application. Please feel free to contact me if you have any questions.

Sincerely,

Don S. Hamilton

Don S. Hamilton
Permit Specialist

cc: Mr. Eric Jones, BLM, Moab, Utah
Mr. Chuck Snure, Texaco
Mr. Joe Coughlin, Dominion Resources
Mr. Don Stephens, BLM, Price, Utah
Mrs. Tammie Butts, River Gas Corporation
Dave Levanger, Carbon County Planning and Zoning
Mr. Jim Cooper, SITLA
RGC Well File

EXHIBIT "D"
DRILLING PROGRAM

Attached to Form 3
River Gas Corp.
Utah 25-391
SE/4 SW/4, Sec. 25, T14S, R8E, SLB & M
885' FSL, 1595' FWL
Carbon County, Utah

1. The Surface Geologic Formation

Mancos Shale

2. Estimated Tops of Important Geologic Markers

Blue Gate/Ferron 3400'

3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones 3420' - 3570'

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits. All indications of usable water will be reported.

Surface casing will be tested to 1400 psi.

4. The Proposed Casing and Cementing Programs

<u>HOLE SIZE</u>	<u>SETTING DEPTH (INTERVAL)</u>	<u>SIZE (OD)</u>	<u>WEIGHT, GRADE & JOINT</u>	<u>NEW, USED</u>
14"	25'	12-3/4"	Conductor	New
11"	433'	8-5/8"	24#LT&C	New
7-7/8"	4325'	5-1/2"	17#LT&C	New

Cement Program -Every attempt will be made to bring cement back to surface.

Surface Casing: 180 sks G+2%CaCl+1/4#per sack flocel;15.8#/gal,density,
1.15 cu.ft/sk yield.

Production Casing: 415 sks 50/50 poz 8%gel +2%CaCl+10%extender;12.5#/gal,
density, 1.92 cu.ft/sk yield.

75 sks "G" thixotropic, 14.2#/gal density, 1.61 cu.ft/sk yield.

The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the blowout preventer equipment. A double gate 3000 psi BOPE will be used with a rotating head. This equipment will be tested to 2000 psi. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

6. The Type and Characteristics of the Proposed Circulating Muds

0-300	11" hole	Drill with air, will mud-up if necessary.
300-TD	7 7/8" hole	Drill with air. 400 psi @ 1500-1800 Scf.

7. The Testing, Logging and Coring Programs are as followed

300-TD Gamma Ray, Density, Neutron Porosity, Induction, Caliper

Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 1400 psi max. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled around August 2000.

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

EXHIBIT "E"
MULTIPOINT SURFACE USE PLAN

Attached to Form 3
River Gas Corp.
Utah 25-391
SE/4 SW/4, Sec. 25, T14S, R8E, SLB & M
885' FSL, 1595' FWL
Carbon County, Utah

1. Existing Roads

- a. The existing Wiregrass Bench access road network will be utilized for this well.
- b. We do not plan to change, alter or improve upon any existing state or county roads.
- c. Existing roads will be maintained in the same or better condition (See Exhibit "B").

2. Planned Access

Approximately 150' of new access will be required (See Exhibit "B").

- a. Maximum Width: 24' travel surface with 27' base
- b. Maximum grade: 10%
- c. Turnouts: None
- d. Drainage design: 11 culverts may be required. Water will be diverted around well pad as necessary.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.

3. Location of Existing Wells

- a. See Exhibit "B". There are 9 proposed and 2 existing wells within a one mile radius of the proposed location.

4. Location of Existing and/or Proposed Facilities

- a. If the well is a producer, installation of production facilities will be as shown on Exhibit "H". Buried powerlines run along access on the east and north, gathering lines on the south or west.
- b. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

5. Location and Type of Water Supply

- a. Water to be used for drilling will be purchased from the Price River Water Improvement District (a local source of municipal water) (tel. 435-637-6350).
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

6. Source of Construction Materials

- a. Any necessary construction materials needed will be obtained locally and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

7. Methods for handling waste disposal

- a. As the well will be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will not be lined unless conditions encountered during construction warrant it or if deemed necessary by the DOGM representative during the pre-site inspection. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operation cease with woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.
- b. Following drilling, the liquid waste will be evaporated from the pit and the pit back-filled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.
- c. In the event fluids are produced, any oil will be retained in tankage until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- d. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

8. Ancillary Facilities

- a. We anticipate no need for ancillary facilities with the exception of one trailer to be located on the drill site.

9. Wellsite Layout

- a. Available topsoil will be removed from the location and stockpiled. Location of mud tanks, reserve and berm pits, and soil stockpiles will be located as shown on the attachments.
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the pit. The pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Exhibit "B".
- d. Natural runoff will be diverted around the well pad.

10. Plans for Restoration of Surface

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.

11. Surface Ownership:

- a. The wellsite and access road will be constructed on lands owned by the School & Institutional Trust Lands Administration. The operator shall contact the landowner representative and the Division of Oil, Gas and mining 48 hours prior to beginning construction activities.

12. **Other Information:**

- a. The primary surface use is grazing. The nearest dwelling is approximately 11,700 feet northeast.
- b. Nearest live water is Gordon Creek, 15,800' north.
- c. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed and piled downhill from the topsoil stockpile location.
- d. The backslope and foreslope will be constructed no steeper than 4:1.
- e. All equipment and vehicles will be confined to the access road and well pad.
- f. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be on the wellsite during construction and drilling operations

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

13. Company Representative

Don S. Hamilton
Permit Specialist
River Gas Corporation
1305 So. 100 E.
Price, Utah 84501
(435) 637-8876
(435) 636-5671

Mail Approved A.P.D. To:

Company Representative

Excavation Contractor

Nelco Contractors Inc.
Larry Jensen
(435) 637-3495
(435) 636-5268

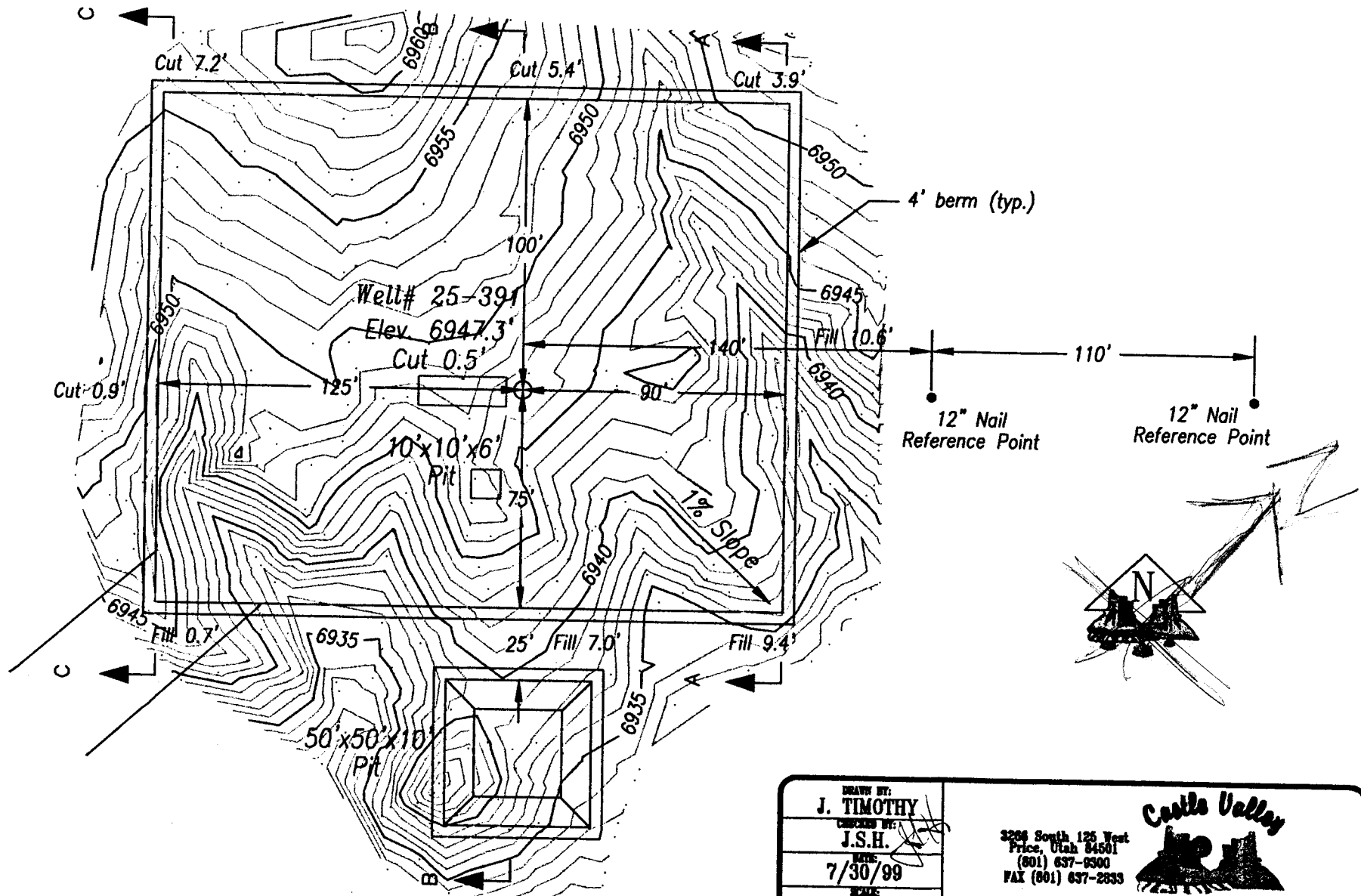
14. Certification


I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by River Gas Corp. and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

8-10-99
Date

Don S. Hamilton
Don S. Hamilton
Permit Specialist
River Gas Corporation

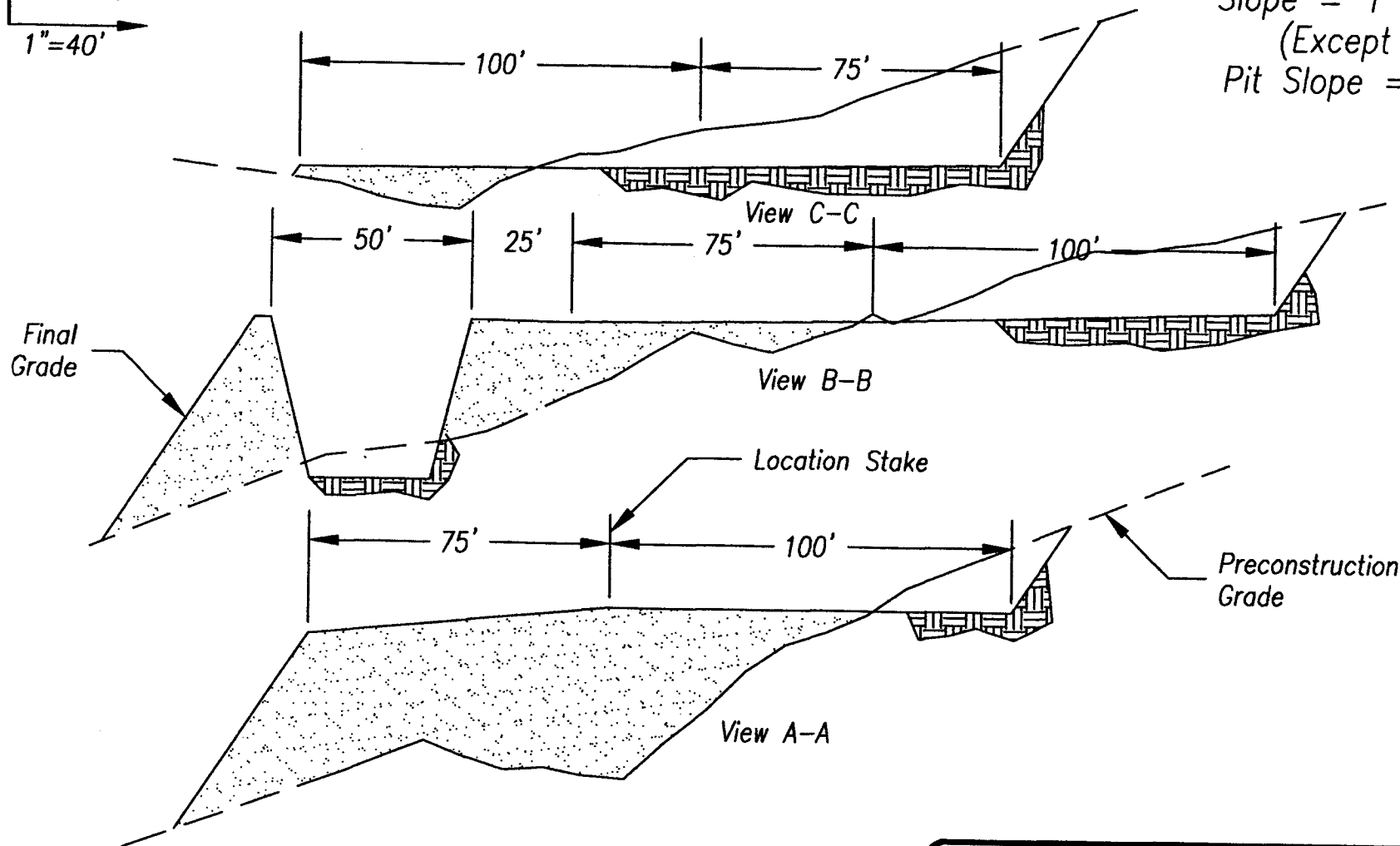
Elevation Ungraded Ground At Location Stake = 6947.3'
 Elevation Graded Ground At Location Stake = 6946.8'



DRAWN BY: J. TIMOTHY CHECKED BY: J.S.H. DATE: 7/30/99 SCALE: 1"=50' JOB NO. 519 DRAWING NO. A-2	Castle Valley 3284 South 125 West Price, Utah 84501 (801) 637-9300 FAX (801) 637-2833  Services River Gas Corporation Location Layout Section 25, T14S, R8E, S.L.B.&M. Well# 25-391
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1"=10'
X-Section
Scale
1"=40'

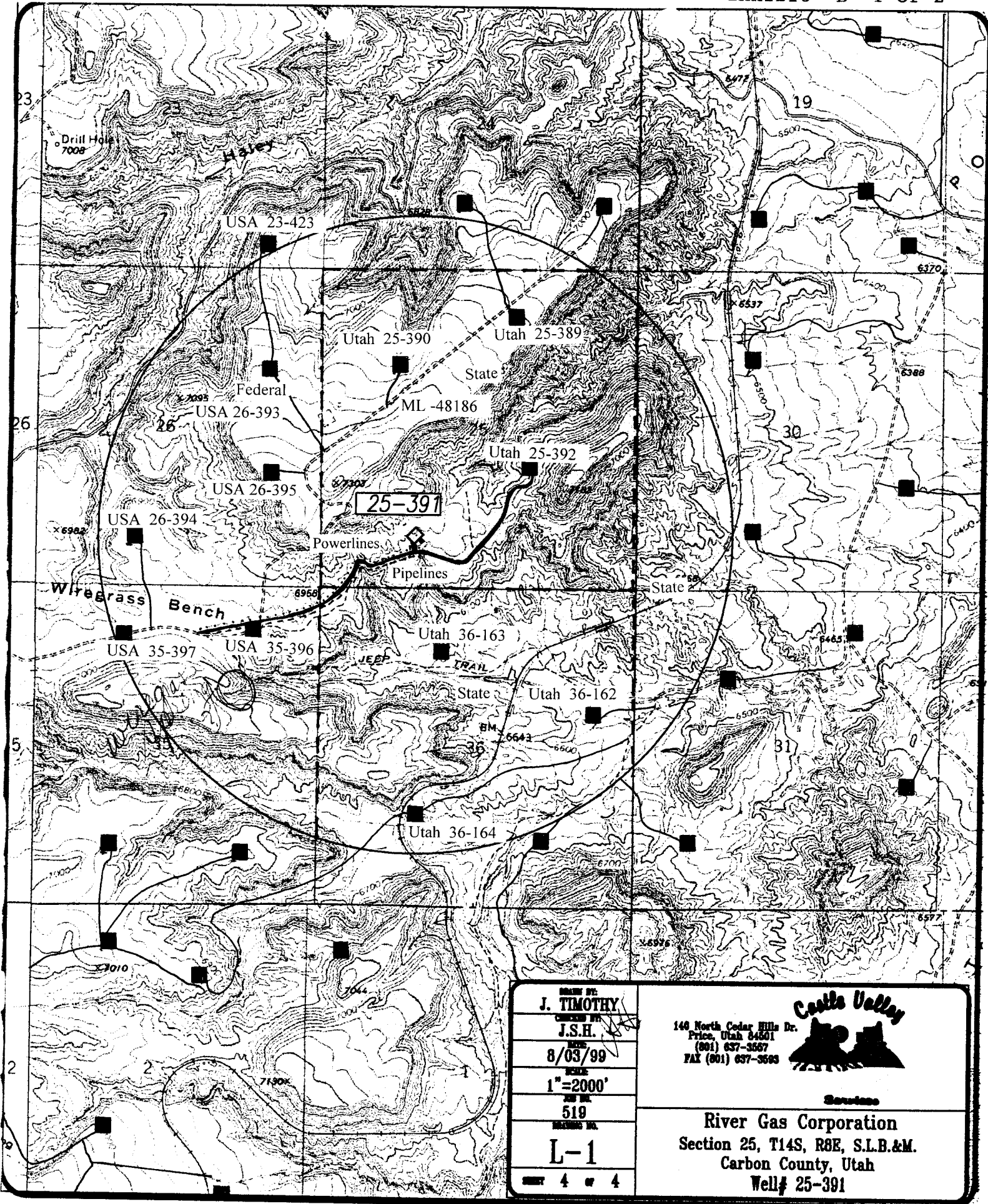
Slope = 1 1/2 : 1
(Except Pit)
Pit Slope = 1 : 1



APPROXIMATE YARDAGES

CUT (6") Topsoil Stripping	= 750 Cu. Yds.
Remaining Location	= 2433.68 Cu. Yds.
TOTAL CUT	= 3183.68 Cu. Yds.
TOTAL FILL	= 3067.92 Cu. Yds.

DRAWN BY: J. TIMOTHY CHECKED BY: J.S.H. DATE: 8/03/99 SCALE: As Shown JOB NO. 519 DRAWING NO. C-1	Castle Valley 3288 South 125 West Price, Utah 84501 (801) 837-8300 FAX (801) 837-2833 Sealed River Gas Corporation Typical Cross Section Section 25, T14S, R8E, S.L.B.&M. Well# 25-391
SHEET 3 of 4	



DRAWN BY:
J. TIMOTHY

CHECKED BY:
J.S.H.

DATE:
8/03/99

SCALE:
1"=2000'

SHEET NO.:
519

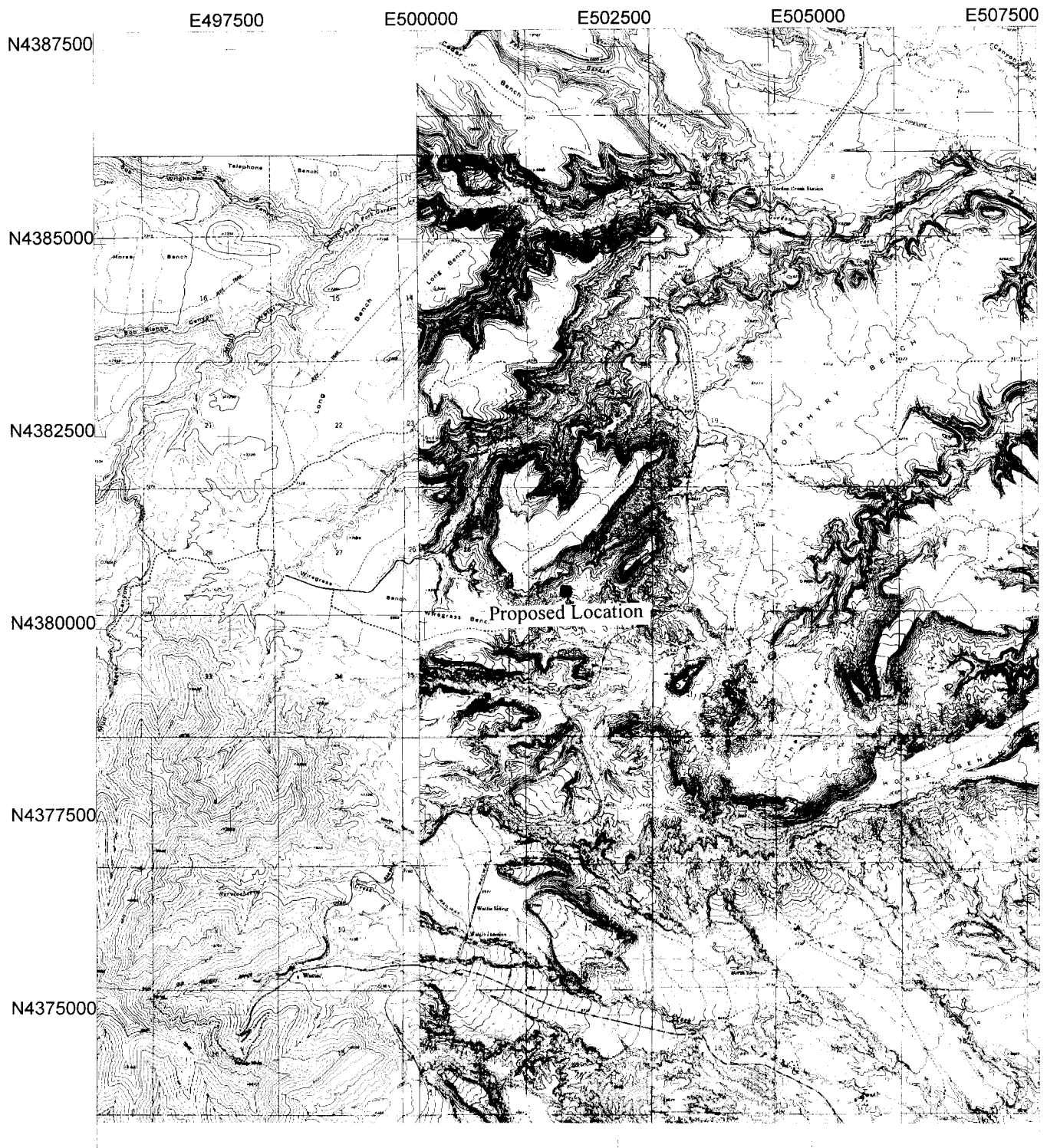
REVISION NO.:

L-1

SHEET **4** OF **4**

Castle Valley
140 North Cedar Hills Dr.
Price, Utah 84501
(801) 637-3567
FAX (801) 637-3563

River Gas Corporation
Section 25, T14S, R8E, S.L.B.&M.
Carbon County, Utah
Well # 25-391



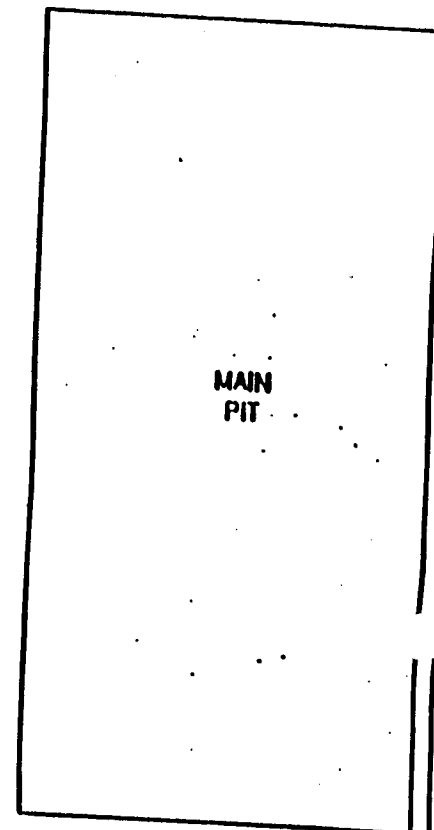
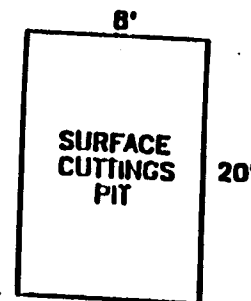
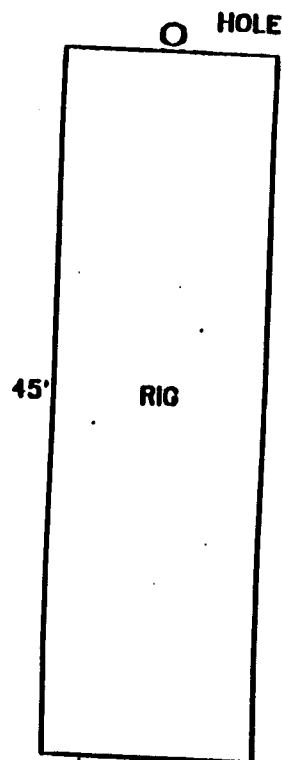
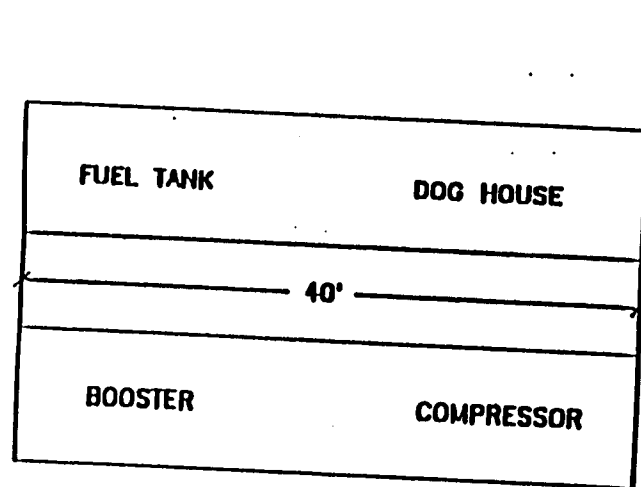
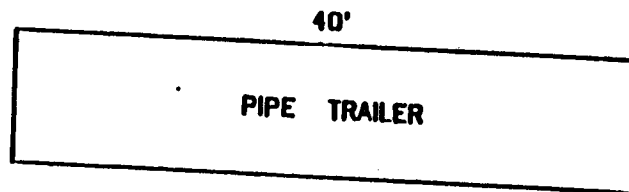
Utah 25-391

Universal Transverse Mercator
North 12
NAD83 (Conus)



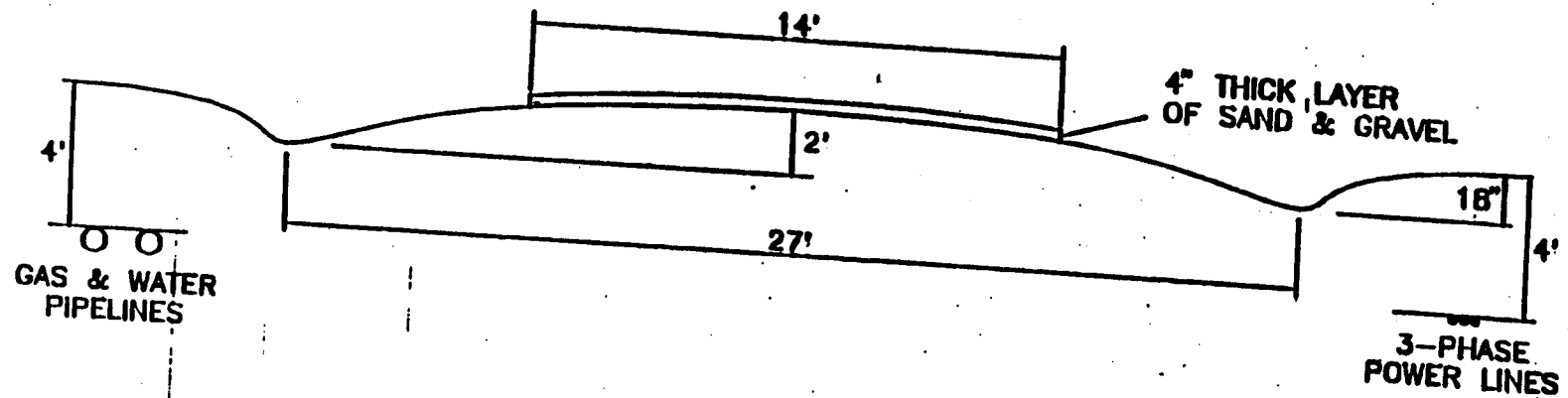
Scale 1:75000
0 8000
Feet

8/5/1999
Pathfinder Office™



APPROXIMATE LAYOUT OF RIG & EQUIPMENT
(NOT TO SCALE)

RIVER GAS CORPORATION

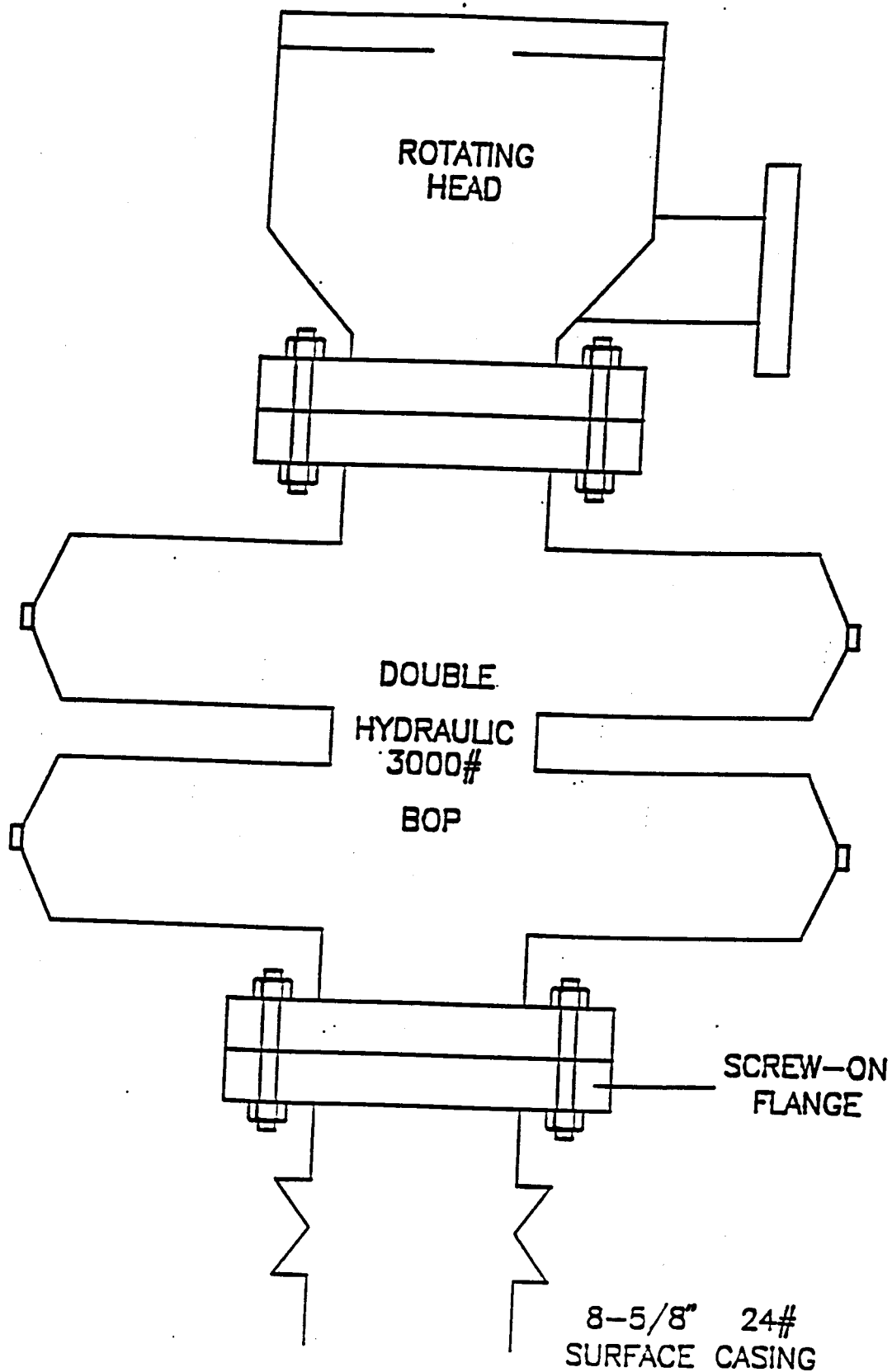


TYPICAL ROAD CROSS-SECTION

NOT TO SCALE

DIVERTER HEAD

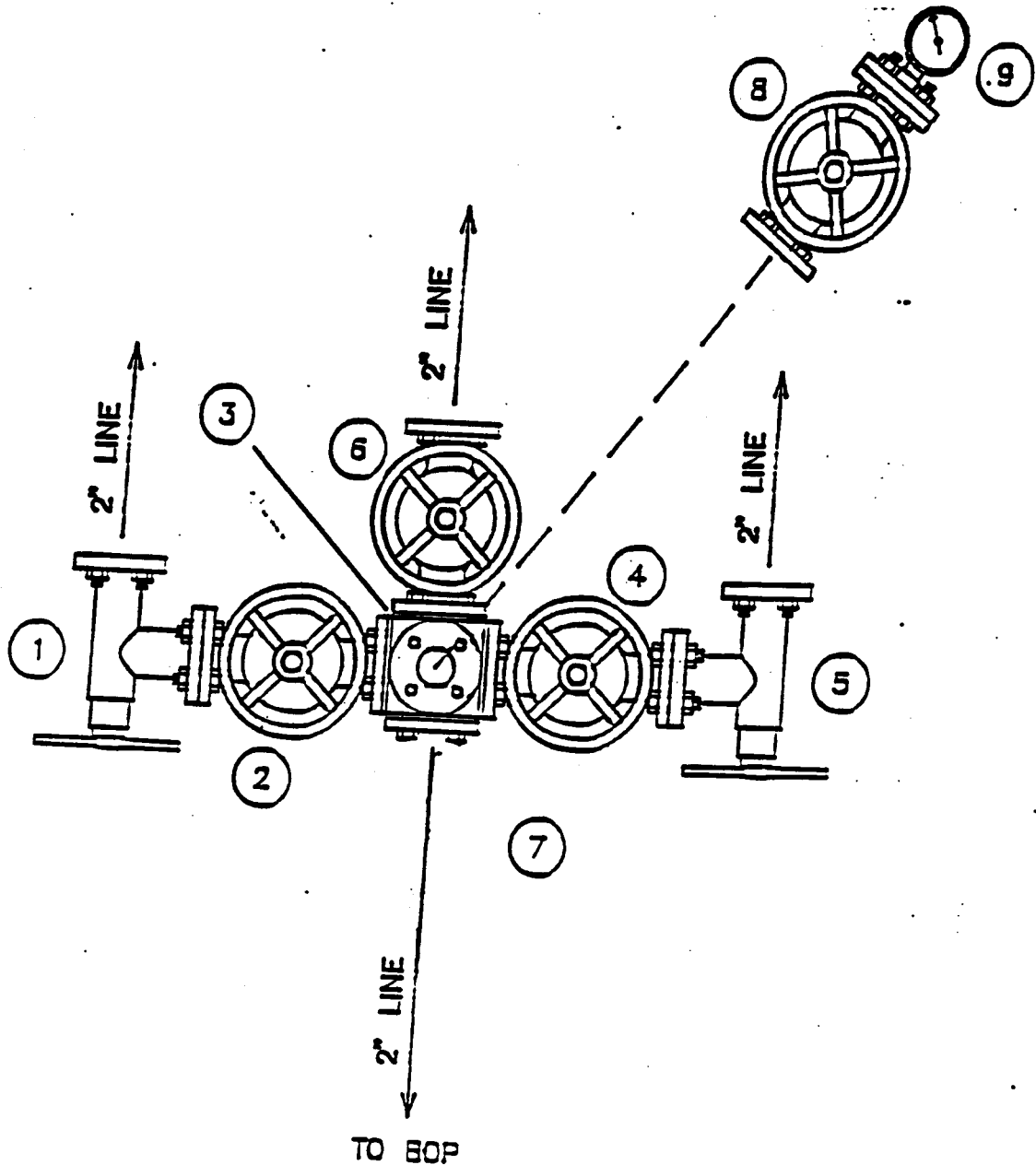
Exhibit "G"



RIVER GAS CORP.

- (1) 2" 5M FLANGED CHOKE
- (2) 2" 5M GATE VALVE (FLANGED)
- (3) 2" 5M STUDDED CROSS
- (4) 2" 5M GATE VALVE (FLANGED)
- (5) 2" 5M FLANGED CHOKE
- (6) 2" 5M GATE VALVE (FLANGED)
- (7) 2" LINE
- (8) 2" 5M GATE VALVE (FLANGED)
- (9) 3000# GAUGE

NOTE:
NUMBER 8 GATE VALVE
SITS ON TOP OF MANIFOLD
BETWEEN STUDDED CROSS
AND 3000# GAUGE.



AND A NEW 2" BALL VALVE
FULL OPEN 5000PSI

MANIFOLD

STATE OF UTAH
BOND OF LESSEE

KNOW ALL MEN BY THESE PRESENTS, that we River Gas Corporation and Drunkards Wash
Joint Venture of 511 Energy Center Blvd. Northport, AL 35476 as principal and
GULF INSURANCE COMPANY, P.O. BOX 1771, DALLAS, TEXAS 75221 as surety, are held and firmly bound
 unto the State of Utah in the sum of two Hundred Thousand Dollars (\$200,000.00) lawful money of the United States
 to be paid to the School & Institutional Trust Lands Administration, as agent for the State of Utah, for the use and benefit
 of the State of Utah, and of any patentee or purchaser of any portion of the land covered by the hereinafter described
 lease heretofore sold or which may hereafter be sold with a reservation to the State of Utah, on the surface or of other
 mineral deposits of any portion of such lands, for which payment, well and truly to be made, we bind ourselves, and each
 of us, and each of our heirs, executors, administrators, successors, sublessees, and assignees, jointly and severally by
 these presents.

Signed with our hands and seals this 4th day of March, 19 96.

The condition of the foregoing obligation is such that,

WHEREAS, ~~The State of Utah, as Lessor, issued a(n)~~
~~lease, Lease Number~~ _____ and dated _____, to _____
 as lessee (and said lease has been duly assigned under date of _____
 to _____) to drill for, mine, extract, and remove all of the
 deposits in and under the following described lands, to wit:

Operational State Wide Bond

NOW, THEREFORE, the principal and surety shall be obligated to pay all monies, rentals, royalties, costs of
 reclamation, damages to the surface and improvements thereon and any other damages, costs, expenses, penalties, interest
 or liabilities which arise by operation of or in connection with the above described lease(s) accruing to the Lessor and
 shall fully comply with all other terms and conditions of said lease, the rules, regulations, and policies relating thereto
 of the School & Institutional Trust Lands Administration, the Board of Oil, Gas and Mining, and the Division of Oil,
 Gas and Mining as they may now exist or may from time to time be modified or amended. This obligation is in effect
 even if the principal has conveyed part of its interest to a successor in interest. If the principal fully satisfies the above
 described obligations, then the surety's obligation to make payment to the State of Utah is void and of no effect,
 otherwise, it shall remain in full force and effect until released by the School & Institutional Trust Lands Administration.

Signed, sealed and delivered
 in the presence of

[Signature]

Witness

River Gas Corporation
 David M. Chambers, President

[Signature: David M. Chambers] (SEAL)
 Principal

[Signature: Debra J. Lott]
 Witness

BONDING COMPANY GULF INSURANCE COMPANY
 BY Frances Burks
 Frances Burks, Attorney-in-fact

Attest: [Signature: J. E. Elson]

Resident Agent: [Signature: Michael D. Dora]

APPROVED AS TO FORM:

JAN GRAHAM
 ATTORNEY GENERAL

[Signature]

Bonding Co. Address: P.O. Box 1771, Dallas, Texas 75221

Corporate Seal of Bonding Company Must be Affixed.



POWER OF ATTORNEY 1

KNOW ALL MEN BY THESE PRESENTS:

That GULF INSURANCE COMPANY, a corporation of the State of Missouri, hereinafter called "Company," does hereby appoint

FRANCES BURKS, DALLAS, TEXAS

its true and lawful Attorney-in-fact to make, execute, seal and deliver on its behalf, as surety, any and all bonds and undertakings of suretyship, including waiver and consent of surety to conditions of contracts.

The execution of such bonds or undertakings in pursuance of these presents shall be as binding upon the Company as if they had been executed and acknowledged by the regularly elected officers of the Company.

This Power of Attorney is issued pursuant to and by authority of the following resolution of the Board of Directors of the Company, adopted effective July 1, 1983, and now in full force and effect:

"Resolved that the President, or any Senior Vice President, or any Vice President, or the Secretary, or any Assistant Secretary may appoint Attorneys-in-fact in any state, territory or federal district to represent this Company and to act on its behalf within the scope of the authority granted to them, in writing, which authority may include the power to make, execute, seal and deliver on behalf of this Company, as surety, and as its act and deed, any and all bonds and undertakings of suretyship and other documents that the ordinary course of surety business may require, including authority to appoint agents for the service of process in any jurisdiction, state or federal, and authority to attest to the signature of the President, or any Senior Vice President, or any Vice President, or the Secretary, or any Assistant Secretary and to verify any affidavit or other statement relating to the foregoing, and to certify to a copy of any of the bylaws of the Company and to any resolutions adopted by its Board of Directors; and any such Attorney-in-fact may be removed and the authority granted him revoked by the President, or any Senior Vice President, or any Vice President, or the Secretary, or any Assistant Secretary, or by the Board of Directors."

This Power of Attorney and Certificate are signed and sealed by facsimile under and by authority of the following resolution of the Board of Directors of the Company, adopted effective July 1, 1983, and now in full force and effect:

"Resolved that the signature of the President, or of any Senior Vice President, or of any Vice President, or of the Secretary, or of any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Attorneys-in-fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, including any such power of attorney and certificate revoking the authority of the foregoing Attorneys-in-fact, as well as for the appointment of agents for the service of process in any jurisdiction, state or federal, including any such power of attorney and certificate revoking the authority of such agents; and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power of attorney or certificate so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company at the time any such power of attorney and certificate are executed and in the future with respect to any bond or undertaking to which they are attached."

In Witness Whereof, the Company has caused this Power of Attorney to be signed and its corporate seal to be affixed by its authorized officer this 1st of June, 1988



By [Signature]
Sr. Vice President



day of June, 1988 before me, a Notary Public of the State and County aforesaid, residing therein, duly commissioned and sworn, personally came the above named officer of GULF INSURANCE COMPANY, who being by me first duly sworn according to law, did depose and say that he is that officer of the company described in and which executed the foregoing instrument; that he knows the seal of said company; that the seal affixed to such instrument is the corporate seal of said company; and that the corporate seal and his signature as such officer, verified and subscribed to the said instrument by the authority and direction of said company.

[Signature]
Clifford R. Beard
Notary Public

30th day of June, 1988

CERTIFICATE

I, the undersigned, do hereby certify that the original Power of Attorney of which the foregoing is a true and correct copy is in full force and effect, and the foregoing resolutions are true and correct transcripts from the records of GULF INSURANCE COMPANY and that the above named officer was on the date of execution of the foregoing Power of Attorney authorized to execute this Power of Attorney.



I have hereunto subscribed my name and affixed the corporate seal of Gulf Insurance Company this 4th day of March, 1996

[Signature]
Vice President

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/16/1999

API NO. ASSIGNED: 43-007-30601

WELL NAME: UTAH 25-391

OPERATOR: RIVER GAS CORPORATION (N1605)

CONTACT: JEAN SEMBORSKI

PHONE NUMBER: 435-637-8876

PROPOSED LOCATION:

SESW 25 140S 080E

SURFACE: 1284 FSL 1573 FWL

BOTTOM: 1284 FSL 1573 FWL

CARBON

UNDESIGNATED (2)

LEASE TYPE: 3 - C/L

LEASE NUMBER: ML-48186

SURFACE OWNER: 3 - C/L

PROPOSED FORMATION: FRSD

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	SEE PREVIOUS SHEET	
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[3] Fee[]
(No. 579333)
N Potash (Y/N)
N Oil Shale (Y/N) *190 - 5 (B)
☒ Water Permit
(No. PRWID)
N RDCC Review (Y/N)
(Date:)
N/A Fee Surf Agreement (Y/N)

LOCATION AND SITING:

 R649-2-3. Unit Drunkards Well
 R649-3-2. General
Siting: _____
 R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 743.2
Eff Date: 7-13-99
Siting: 460' Fr. Unit Boundary S. Uncomm. Tract.
 R649-3-11. Directional Drill

COMMENTS: Need Presite. (Conducted 12-3-99) *Rig Skid to 43-007-30658 9/2000.

STIPULATIONS: ① CONDUCTOR AND SURFACE CASINGS SHALL
BE CEMENTED TO SURFACE.
② STATEMENT OF BASIS

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/16/1999

API NO. ASSIGNED: 43-007-30601

WELL NAME: UTAH 25-391
OPERATOR: RIVER GAS CORPORATION (N1605)
CONTACT: _____

PROPOSED LOCATION:
SESW 25 - T14S - R08E
SURFACE: 0885-FSL-1595-FWL
BOTTOM: 0885-FSL-1595-FWL
CARBON COUNTY
UNDESIGNATED FIELD (002)

LEASE TYPE: STA
LEASE NUMBER: ML-48186
SURFACE OWNER: State

INSPECT LOCATN BY: / /

TECH REVIEW	Initials	Date
Engineering	RTK	12-13-99
Geology		
Surface		

PROPOSED FORMATION: FRSD

RECEIVED AND/OR REVIEWED:

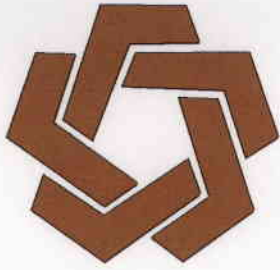
☒ Flat
☒ Bond: Fed[] Ind[] Sta[☒] Fee[]
(No. 579333)
☒ Potash (Y/N)
☒ Oil Shale (Y/N) *190-5(B)
☒ Water Permit
(No. PRWID)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

☐ R649-2-3. Unit Drunkards Wash
☐ R649-3-2. General
Siting: ☐ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 243-2
Eff Date: 7-13-99
Siting: 400' Fr. Unit Boundary E. Uncommitted Tract.
☐ R649-3-11. Directional Drill

COMMENTS: Need Presite.

STIPULATIONS: (1) Conductor and surface casings shall be cemented to surface.



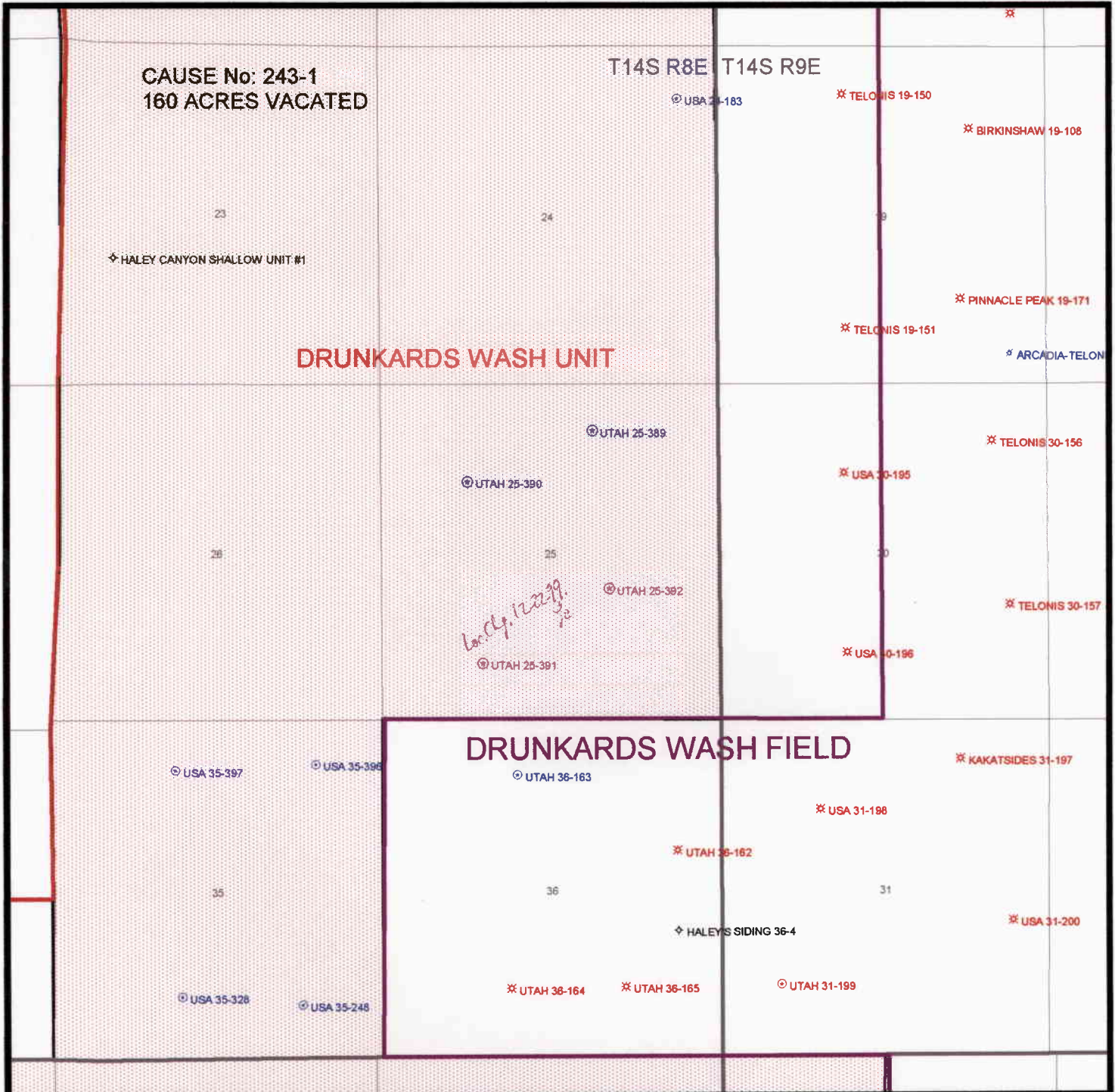
Division of Oil, Gas & Mining

OPERATOR: RIVER GAS CORPORATION (N1605)

FIELD: UNDESIGNATED (002)

SEC. 25 TWP 14 S RNG 8 E

COUNTY: CARBON UNIT: DRUNKARDS WASH



PREPARED
DATE: 18-AUG-1999

DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

Operator Name: River Gas Corporation

Name & Number: Utah 25-391

API Number: 43-007-30601

Location: 1/4, 1/4 SESW Sec. 25 T. 14S R. 8E

Geology/Ground Water:

There are no aquifers with high quality ground water expected to be encountered. The silty, sandy moderately-permeable soil is developed on the upper portion of the Blue Gate Member of the Mancos Shale. The Emery Sandstone Member and Garley Canyon Ss. Beds of the Blue Gate Member, respectively, of the Mancos Shale may be present at this location. If present (probable) and wet (possible) -standing water was found in upper Garley Canyon Beds in Pinnacle Canyon ~2 miles east), they should be included within the surface casing string. The operator is informed of the potential for water in these strata and will respond to protect the ground water resource by extending the surface casing string as needed to protect the strata. Extending the proposed casing string and cementing will adequately isolate any zones of water penetrated, protecting the Garley Canyon Beds and the Emery Sandstone. Filings have been made with Water Rights for water from otherwise apparently undocumented (on USGS 7.5 Minute Topographic Quadrangles) springs and seeps in the area. These are probably emerging from the Quaternary/Tertiary Pediment Mantle and other associated unconsolidated alluvium.

Reviewer: Christopher J. Kierst **Date:** 12/8/99

Surface:

There is a moderately deep canyon (350' deep within 1,700' horizontally) south of the pad. The nearest moving surface waters are in Gordon Creek (3 miles north) and possibly some small ephemeral flows in the upper Pinnacle Wash Drainage. Precipitation will be deflected around the location with berms and culverts. There are no nearby culinary or irrigation water supply wells. The site was photographed and characterized on 12/3/99. Provision was made to ensure site rehabilitation, litter and waste control, preservation of drainage patterns and the integrity of local infrastructure, groundwater and other resources. The well utilities and gas gathering system will follow the approach roadway.

Reviewer: Christopher J. Kierst **Date:** 12/8/99

Conditions of Approval/Application for Permit to Drill:

- 1) Culverts sufficient to manage expected runoff, standing and surface water in crossed drainages.
- 2) Berm location and pit.
- 3) Site infrastructure as per drilling location plat.
- 4) Minimum 12 mil synthetic pit liner is required.
- 5) Extend surface casing as needed to contain any water in Garley Canyon Beds or Emery Sandstone Member of the Mancos Shale.

ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: River Gas Corporation

WELL NAME & NUMBER: Utah 25-391

API NUMBER: 43-007-30601

LEASE: State FIELD/UNIT: Drunkard's Wash

LOCATION: 1/4, 1/4 SESW Sec: 25 TWP: 14S RNG: 8E 885 FSL 1595 FWL

LEGAL WELL SITING: 460' From a Unit Boundary and/or uncommitted tracts.

GPS COORD (UTM): X =501,892; Y =4,380,411 (GPS UTM Coordinates used here because of GIS/Position Locator Widget PLSS and TWP-RNG coverages bust)

SURFACE OWNER: State

PARTICIPANTS

C. Kierst (DOGM), J. Semborski and G. Vasquez (RGC), C. Colt (DWR), L. Jensen (Nelco). D. Levanger (Carbon Co.) and E. Bonner (SITLA) was notified but was unable to attend.

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Western margin of Colorado Plateau/~2 miles northeast of Wasatch Plateau and 3-400' cliffs and canyons nearby. Location is on the upper bench on the upper portion of the westward-dipping Blue Gate Member of the Mancos Shale. The pad is on forested ground which slopes to the southeast toward a fork of the upper Pinnacle Canyon drainage (~400' deep canyon about 350' to the south). The nearby land surface is moderately incised terrain with some erosional remnants topped by Quaternary/Tertiary pediment mantle.

SURFACE USE PLAN

CURRENT SURFACE USE: Grazing and habitat.

PROPOSED SURFACE DISTURBANCE: 215' X 175' pad with 50' X 50' X 10' attached pit and ~150' approach road off existing road.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: 3 producing status, 4 NEW status and 5 approved APD status RGC CBM production locations.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Buried power line and gathering system follow approach road. Production facilities include a pumpjack, separator enclosure, casing and tubing strings, well head, telemetry equipment and transformer.

SOURCE OF CONSTRUCTION MATERIAL: gravel location and approach road;

soil stored in berm.

ANCILLARY FACILITIES: none

WASTE MANAGEMENT PLAN:

Portable chemical toilets which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill. No crude oil is expected to be produced. Drilling fluid, completion / frac fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Produced water will be gathered to the evaporation pit and eventually injected into the Navajo Sandstone via a RGC-operated salt water disposal well. Used oil from drilling operations and support is hauled to a used oil re-cycler and re-used.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: none - location is ~3 miles south of Gordon Creek, ~7.5 miles west of Price River, ~1 mile southeast of Haley Canyon and ~2 miles west of standing water in a fork of upper Pinnacle Canyon and ~2.25 miles west of Pinnacle Canyon.

FLORA/FAUNA: sagebrush, grass, pinon, juniper / birds, lizards, coyotes, rodents, raptors (several nests within 1/4 and 1/2 mile, respectively, of well spot), elk, deer (critical winter range), reptiles

SOIL TYPE AND CHARACTERISTICS: Silty, sandy (GP-SP-ML), moderately-permeable soil developed on the upper portion of the Blue Gate Member of the Mancos Shale.

SURFACE FORMATION & CHARACTERISTICS: Upper portion of the Blue Gate Member of the Mancos Shale (above Emery Sandstone Member of the Mancos Shale, light gray, bentonitic shale and sandstone ledges.

EROSION/SEDIMENTATION/STABILITY: stable

PALEONTOLOGICAL POTENTIAL: None observed

RESERVE PIT

CHARACTERISTICS: Dugout, earthen pit, as above.

LINER REQUIREMENTS (Site Ranking Form attached): Synthetic liner.

SURFACE RESTORATION/RECLAMATION PLAN

See SITLA Surface Agreement.

SURFACE AGREEMENT: SITLA Surface Agreement.

CULTURAL RESOURCES/ARCHAEOLOGY: Archaeological survey completed and on file

with state.

OTHER OBSERVATIONS/COMMENTS

The well location was moved at the onsite because of the impact of the
cited location on raptor nests in the area. The new location
coordinates will be forwarded by RGC when they are determined and
amending documentation will be sent. A raptor nesting construction
start date restriction was imposed.

ATTACHMENTS:

4 photographs taken. (1-4 old location, 5-8 raptor revised location)

Chris Kierst
DOGM REPRESENTATIVE

12/3/99/ 12:01 PM
DATE/TIME

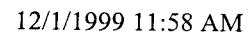
**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>0</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>5</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

Final Score 15 (Level II Sensitivity)

PLOT OF AN AREA WITH A RADIUS OF 5280 FEET
N 885 FEET, E 1595 FEET OF THE SW CORNER,
SECTION 25 TOWNSHIP 14S RANGE 8E SL BASE

N O R T H



UTAH DIVISION OF WATER RIGHTS
NWPLAT POINT OF DIVERSION LOCATION PRO

MAP CHAR	WATER RIGHT	CFS	QUANTITY AND/OR	AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER DEPTH YEAR LOG	POIN NORTH
0	<u>91 4315</u>	.0000		.50	Tributary to Haley Canyon Cree	N 2910
	WATER USE(S): STOCKWATERING State of Utah School & Institutional Tru 675 East 500 South, Suite 500					
0	<u>a14025</u>	.0000		.50	Surface Runoff	N 2910
	WATER USE(S): STOCKWATERING USA Bureau of Land Management (Moab Dist 125 West 2nd South					
1	<u>91 2645</u>	.0000		.00	Unnamed Stream	
	WATER USE(S): STOCKWATERING USA Bureau of Land Management (Price Fie 125 South 600 West					
2	<u>91 4602</u>	.0150		.00	Wiregrass Spring	
	WATER USE(S): STOCKWATERING OTHER USA Bureau of Land Management (Price Fie 125 South 600 West					
3	<u>91 2395</u>	.0000		.00	Pinnacle Canyon Creek	
	WATER USE(S): STOCKWATERING USA Bureau of Land Management (Price Fie 125 South 600 West					
4	<u>91 3077</u>	.0000		.00	Pinnacle Canyon Creek	
	WATER USE(S): STOCKWATERING State of Utah School & Institutional Tru 675 East 500 South, 5th Floor					
5	<u>91 3077</u>	.0000		.00	Pinnacle Canyon Creek	
	WATER USE(S): STOCKWATERING State of Utah School & Institutional Tru 675 East 500 South, 5th Floor					

Well name:	1299 RGC UT 25-391		
Operator:	River Gas Corp.		
String type:	Surface		
Location:	Carbon County		
	Project ID: 43-007-30601		

Design parameters:
Collapse

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 81 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 185 ft

Cement top: 243 ft

Burst

Max anticipated surface pressure: 0 psi
Internal gradient: 0.433 psi/ft
Calculated BHP 187 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 379 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 1,850 ft
Next mud weight: 8.330 ppg
Next setting BHP: 801 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,850 ft
Injection pressure 1,850 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	433	8.625	24.00	J-55	ST&C	433	433	7.972	20.9
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	187	1370	7.31	187	2950	15.74	9	244	26.83 J

Prepared RJK
by: Utah Dept. of Natural Resources

Date: December 13, 1999
Salt Lake City, Utah

ENGINEERING STIPULATIONS: Conductor and surface casing shall be cemented to surface.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 433 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	1299 RGC UT 25-391	
Operator:	River Gas Corp.	
String type:	Production	Project ID: 43-007-30601
Location:	Carbon County	

Design parameters:
Collapse

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 136 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 368 ft

Cement top: 1,075 ft

Burst

Max anticipated surface pressure: 0 psi
Internal gradient: 0.433 psi/ft
Calculated BHP 1,872 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 3,779 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	4325	5.5	17.00	N-80	LT&C	4325	4325	4.767	149
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1872	6290	3.36	1872	7740	4.14	64	348	5.42 J

Prepared RJK
by: Utah Dept. of Natural Resources

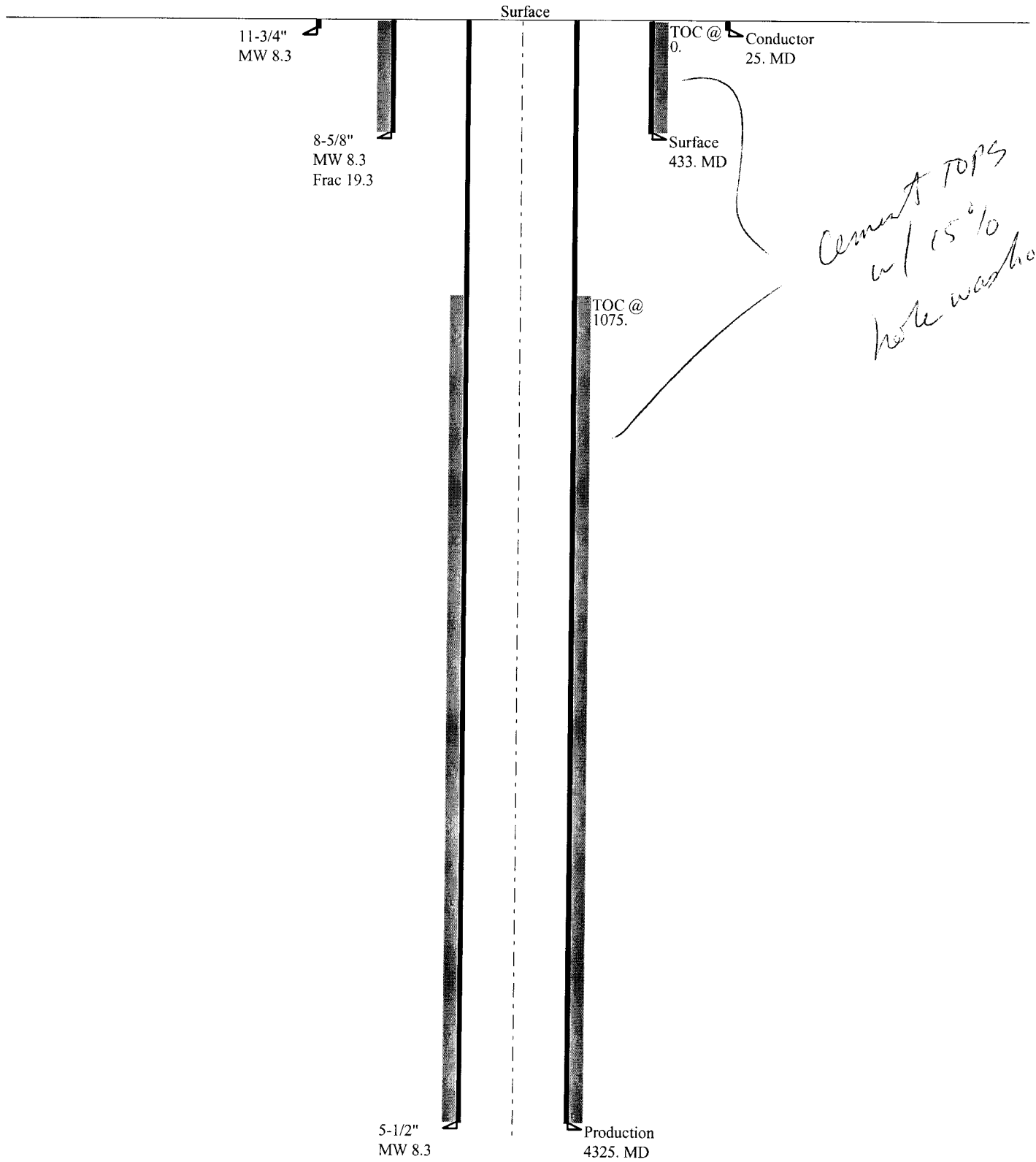
Date: December 13, 1999
Salt Lake City, Utah

ENGINEERING STIPULATIONS: Conductor and surface casing shall be cemented to surface.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 4325 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

1299 RGC UT 25-391

Casing Schematic



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN		5. Lease Designation and Serial Number: ML-48186	
1A. Type of Work: DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name: N/A	
		7. Unit Agreement Name: Drunkards Wash UTU-67921X	
B. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name: Utah	
2. Name of Operator: River Gas Corporation		9. Well Number: 25-391	
3. Address and Telephone Number: 1305 South 100 East, Price, UT 84501 (435)637-8876		10. Field or Pool, or Wildcat: Drunkards Wash	
4. Location of Well (Footages) At Surface: 1284' FSL, 1573' FWL At Proposed Producing Zone:		11. Qtr/Qtr, Section, Township, Range, Meridian: SE/4 SW/4 Section 25, T14S, R08E, SLB&M	
14. Distance in miles and direction from nearest town or post office: 9.2 miles west of Price, Utah		12. County: Carbon	13. State: UTAH
15. Distance to nearest property or lease line (feet): 1200'	16. Number of acres in lease: 640.00 Acres	17. Number of acres assigned to this well: 160	
18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): 2100'	19. Proposed Depth: 4325'	20. Rotary or cable tools: Rotary	
21. Elevations (show whether DF, RT, GR, etc.): 6987' GR		22. Approximate date work will start: August 2000	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14"	12-3/4"	Conductor	25'	
11"	J-55 8-5/8"	24#/ft	433'	180 sks G+2%CaCl+1/4#per sack flocl
7-7/8"	N-80 5-1/2"	17#/ft	4325'	415 sks 50/50poz8%gel+2%CaCl+10%extende
				75 sks "G" thixotropic

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.*

RECEIVED

DEC 22 1999

DIVISION OF OIL, GAS & MINING

24. Name & Signature: Jean Semborski Title: Permit Specialist Date: 12/21/99

(This space for state use only)

API Number Assigned: 43-007-30661

Approval:

Utah Division of
Oil, Gas and Mining

Date: 2/22/00

By: Boddy g/k

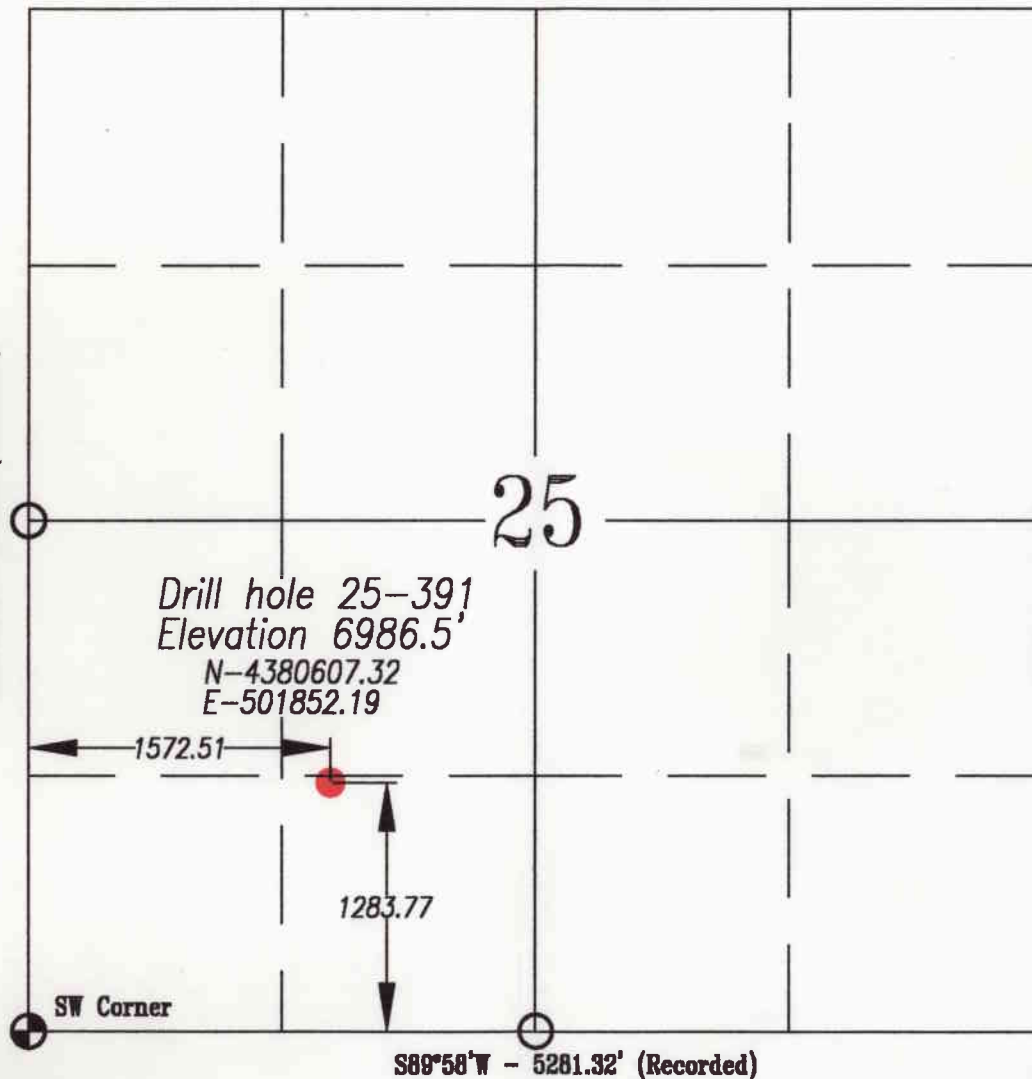
Township 14 South

Range 8 East

West - 5278.68' (Recorded)

North - 5280.0' (Recorded)

North - 5280.0' (Recorded)



Drill hole 25-391
Elevation 6986.5'
N-4380607.32
E-501852.19

SW Corner

South - 5281.32' (Recorded)

LEGEND:

- Drill Hole Location
- ⊕ Found Section Corner Monumented w/ Brass Cap unless noted otherwise
- Brass Cap (Searched, Not Found)
- ▲ Calculated Corner

SCALE:

250' 0' 500' 1000'



Location

The Bearings Indicated are per the recorded plat obtained from the U.S. Land Office. The well location was determined using a Trimble 4400 GPS Unit.

Basis Of Elevation:

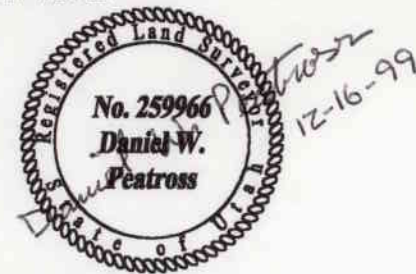
Basis of Elevation of 6968' as indicated on the SW Corner of Section 25, Township 14 South, Range 8 East, Salt Lake Base and Meridian, as indicated on the Pinnacle Peak Quadrangle 7.5 Minute Series Map.

Description of Location:

Proposed Drill Hole located in the SE 1/4, SW 1/4 of Section 25; being 1283.77' North and 1572.51' East from the SW Corner of Section 25, T14S, R8E, Salt Lake Base & Meridian.

Surveyor's Certificate:

I, Daniel W. Peatross, a Registered Licensed Land Surveyor, holding Certificate #259966, State of Utah, do hereby certify that the information on this drawing is true and accurate to the best of my knowledge and belief, and was conducted by myself, as shown hereon.



Drawn by:
P. Boylen

Checked by:
D.W.P.

Date:
12/15/99

Scale:
1"=1000'

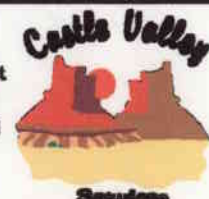
Job No.
584

Drawing No.

A-1

Sheet 1 of 4

3280 South 125 West
Price, Utah 84501
(801) 637-8300
FAX (801) 637-2833



Source:

River Gas Corporation

Well# 25-391

Section 25, T14S, R8E, S.L.B.&M.
Carbon County, Utah



RIVER GAS CORPORATION

UTAH OPERATIONS

1305 South 100 East

Price, Utah 84501

Bus. (435) 637-8876

FAX (435) 637-8924

RECEIVED

DEC 22 1999

DIVISION OF OIL, GAS & MINING

December 21, 1999

Ms. Lisha Cordova
State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Dear Lisha:

Enclosed please find a sundry notice, amended APD and maps for the Utah 25-391 well.

This well location was moved due to a Raptor issue.

If you have any questions or need anything else, please feel free to contact me.

Thank You,

A handwritten signature in cursive script that reads 'Frankie Hathaway'.

Frankie Hathaway
Administrative Assistant

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

ML-48186

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Drunkards Wash

8. Well Name and Number:

Utah 25-391

9. API Well Number:

10. Field or Pool, or Wildcat:
Drunkards Wash1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

River Gas Corporation

3. Address and Telephone Number:

1305 South 100 East, Price, UT 84501 (435)637-8876

4. Location of Well

Footages: 1284' FSL, 1573' FWL

QQ, Sec., T., R., M.: SE/4, SW/4, SEC.25, T14S, R08E, SLB&M

County: Carbon

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
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| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>APD Amendment</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

See Attached:

The attached APD shows amended well location, distances and elevation due to a raptor nest location.

RECEIVED

DEC 22 1999

DIVISION OF OIL, GAS & MINING

13.

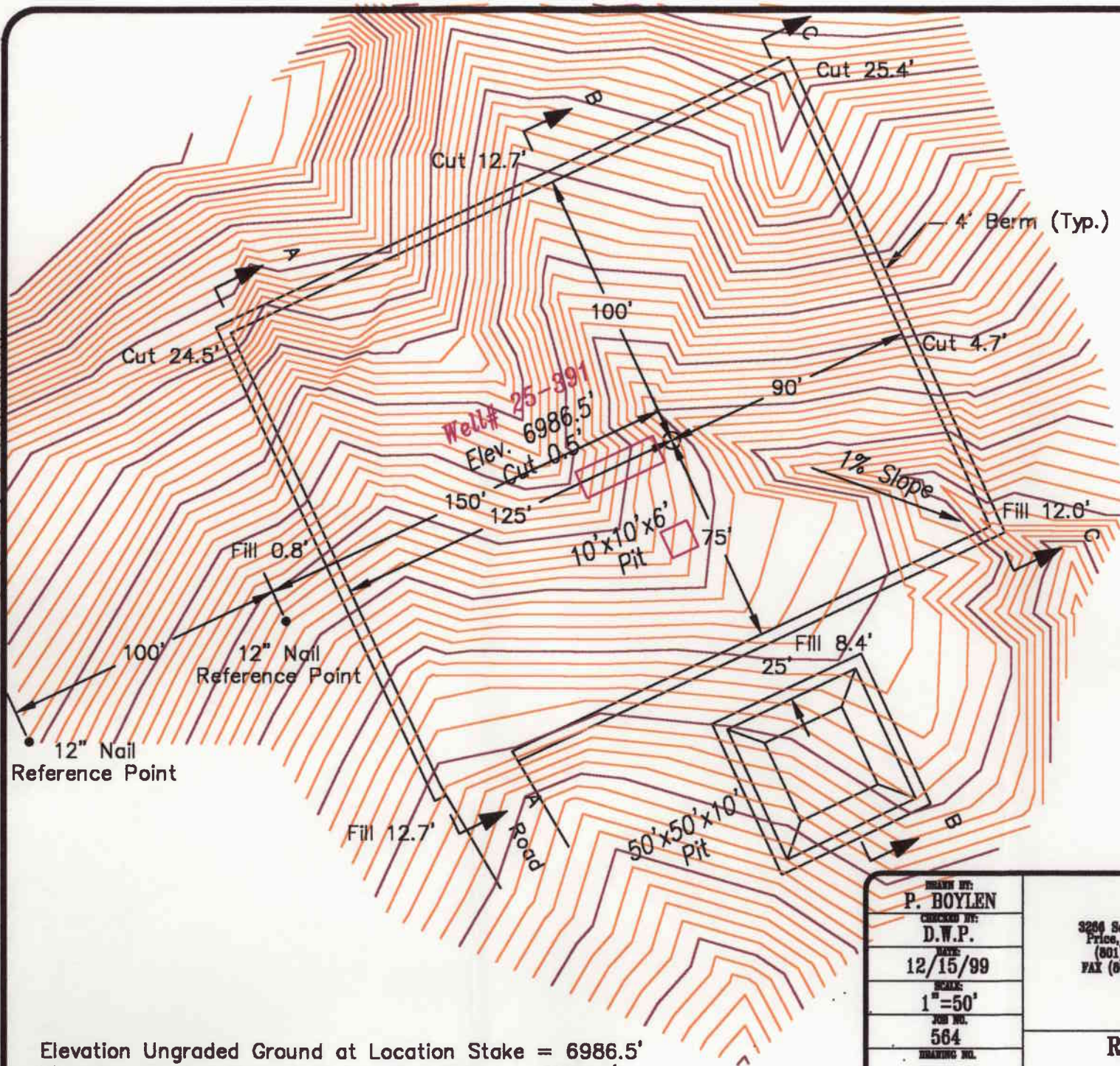
Name & Signature: Frankie Hathaway

Frankie Hathaway

Title: Administrative Assistant

Date: 12/21//99

(This space for state use only)



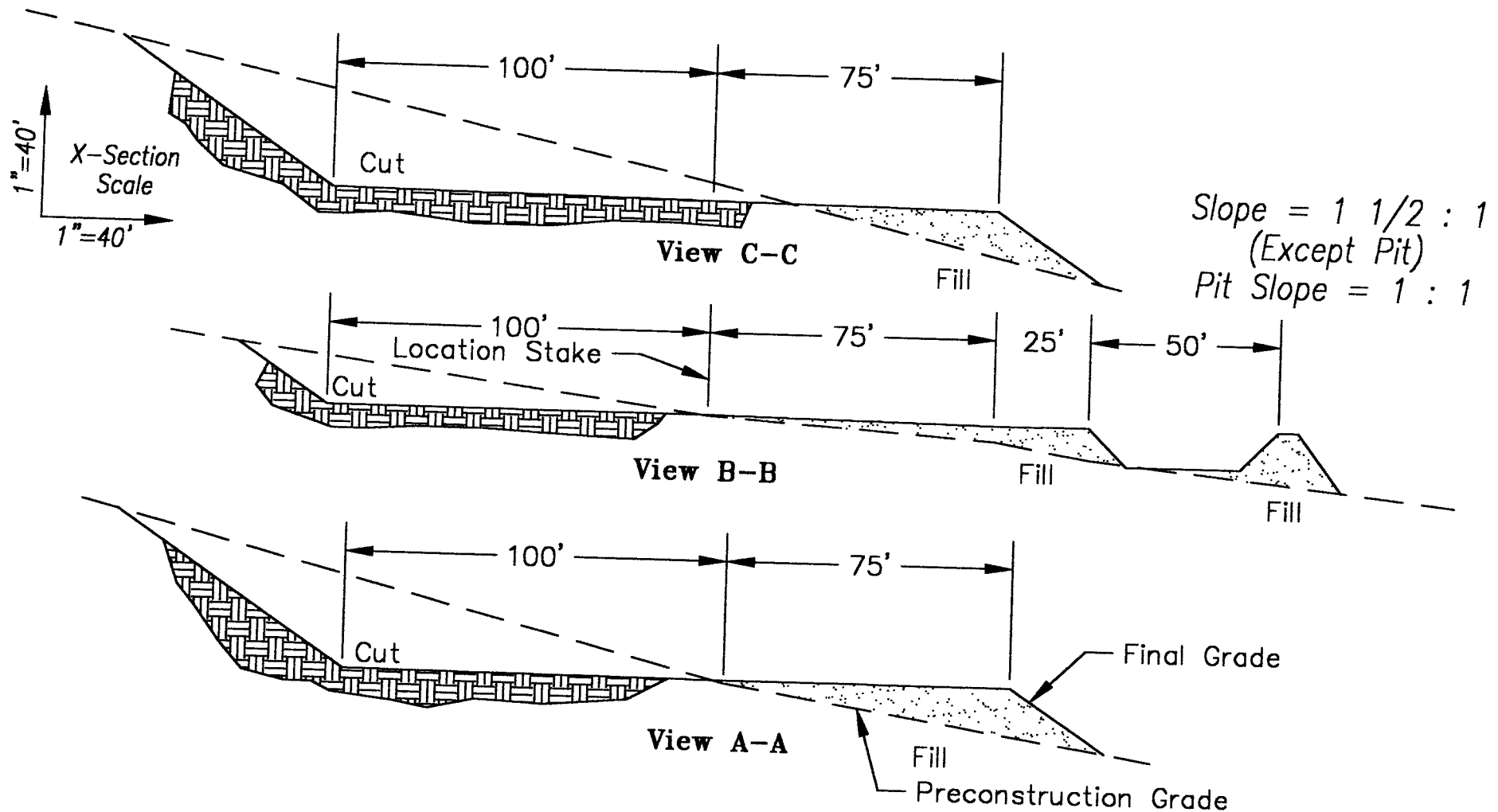
Elevation Ungraded Ground at Location Stake = 6986.5'
 Elevation Graded Ground at Location Stake = 6986.0'

DESIGNED BY:
P. BOYLEN
CHECKED BY:
D.W.P.
DATE:
12/15/99
SCALE:
1"=50'
JOB NO.:
584
DRAWING NO.:
A-2
SHEET 2 OF 4



3204 South 125 West
 Price, Utah 84501
 (801) 637-6300
 FAX (801) 637-2633

River Gas Corporation
 Location Layout
 Section 25, T14S, R8E, S.L.B.&M.
 Well #25-391



APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 750.0 Cu. Yds.
Remaining Location	= 7,898.2 Cu. Yds.
TOTAL CUT	= 8,648.2 Cu. Yds.
TOTAL FILL	= 4,350.2 Cu. Yds.

DRAWN BY: P. BOYLEN CHECKED BY: D.W.P. DATE: 12/17/99 SCALE: As Shown JOB NO. 564 DRAWING NO. C-1	Castle Valley 3284 South 125 West Price, Utah 84601 (801) 637-9300 FAX (801) 637-2833 Section River Gas Corporation Typical Cross Sections Section 25, T14S, R8E, S.L.B.&M. Well #25-391
SHEET 3 OF 4	



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

February 22, 2000

River Gas Corporation
P.O. Box 851
Price, Utah 84501

Re: Utah 25-391 Well, 1284' FSL, 1573' FWL, SE SW, Sec. 25, T. 14 S, R. 8 E ^{Carbon} ~~Emery~~
County, Utah

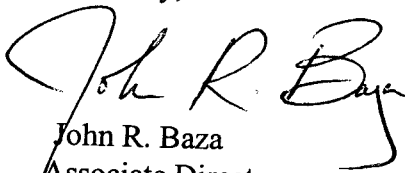
Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This permit does not supercede the need to comply with any and all stipulations which the School and Institutional Trust Lands Administration (SITLA) may impose due to obligations from the Federal-State land exchange and Environmental Impact Statement (EIS) requirements. It is the responsibility of the operator to be aware of and to comply with any drilling or surface restrictions which are under SITLA jurisdiction.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30601.

Sincerely,


John R. Baza
Associate Director

jb

Enclosures

cc: ^{Carbon} ~~Emery~~ County Assessor

Bureau of Land Management, Moab District Office

Operator: River Gas Corporation

Well Name & Number: Utah 25-391

API Number: 43-007-30601

Lease: ML-48186

Location: SE SW **Sec.** 25 **T.** 14 S. **R.** 8 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

Division contacts (please leave a voice mail message if person is not available to take the call):

Dan Jarvis at (801)538-5338

Robert Krueger at (801)538-5274 (plugging)

Carol Daniels at (801)538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Conductor and surface casing shall be cemented to surface.

5. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

SPUDDING INFORMATION

Name of Company: RIVER GAS CORPORATION

Well Name: UTAH 25-391

Api No. 43-007-30601 LEASE TYPE: STATE

Section 25 Township 14S Range 08E County CARBON

Drilling Contractor PENSE BROTHERS DRILLING RIG #

SPUDDED:

Date 08/14/2000

Time 7:00 PM

How DRY

Drilling will commence

Reported by BOZE STINSON

Telephone #

Date 08/15/2000 Signed: CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

ML-48186

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Drunkards Wash UTU-67921X

8. Well Name and Number:

Utah 25-391

9. API Well Number:

43-007-30601

10. Field or Pool, or Wildcat:

Drunkards Wash

County: Carbon County

State: Utah

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

River Gas Corporation

3. Address and Telephone Number:

6825 S. 5300 W. P.O. Box 851 Price, Utah 84501 (435) 613-9777

4. Location of Well

Footages: 1284' FSL, 1573' FWL

QQ, Sec., T., R., M.: SE/SW SEC. 25, T14S, R08E, SLB & M

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other _____ Spud Notice | |

Date of work completion _____
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that the Utah 25-391 well was spud on 8/14/2000 at 7:00 pm.
Pense Bros. Rig #9
Dry Drill

RECEIVED

AUG 21 2000

DIVISION OF
OIL, GAS AND MINING

13.

Name & Signature: Frankie Hathaway

Frankie Hathaway

Title: Administrative Assistant

Date: 8/16/2000

(This space for state use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR River Gas Corporation
ADDRESS 6825 S. 5300 W. P.O. Box 851
Price, UT 84501

OPERATOR ACCT. NO. _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12853	43-007-30601	Utah 25-391	SESW	25	14S	08E	Carbon	8/14/00	7/1/99
WELL 1 COMMENTS: New single well, new spud outside PA but within Unit boundary 8-21-00 CONFIDENTIAL											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See Instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED

AUG 21 2000

DIVISION OF
OIL, GAS AND MINING

Frankie Hathaway Frankie Hathaway
Signature

Administrative Assistant 8/16/2000

Title Date

Phone No. (435)613-9777

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

River Gas Corporation

3. Address and Telephone
Number:

6825 S. 5300 W. P.O. Box 851 Price, Utah 84501 (435) 613-9777

4. Location of Well

Footages: 1284' FSL, 1573' FWL

QQ, Sec., T., R., M.: SE/SW SEC. 25, T14S, R08E, SLB & M

5. Lease Designation and Serial Number:

ML-48186

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Drunkards Wash UTU-67921X

8. Well Name and Number:

Utah 25-391

9. API Well Number:

43-007-30601

10. Field or Pool, or Wildcat:

Drunkards Wash

County: Carbon County

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
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| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
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| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other _____ Well Report | |

Date of work completion _____
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

See Attached:

COPY

CONFIDENTIAL

DIVISION OF
OIL, GAS AND MINING

13.

Name & Signature: Frankie Hathaway

Frankie Hathaway

Title: Administrative Assistant

Date: 8/30/00

(This space for state use only)

DRUNKARDS WASH PROJECT

DAILY WELL REPORT

STATE OF UTAH 25-391

API NO:

885 FSL 1595 FWL

SESW SEC: 25 TWN: 14S RNG: 8E

COUNTY: CARBON

ELEVATION: 6987

DRILLING CONTRACTOR: Ross Well Services

SPUD TIME/DATE: 8/14/2000 7:00:00 PM

TD TIME/DATE: 8/17/2000 3:45:00 PM

TD DEPTH: 3890

ON-LINE TIME/DATE:

Bit Information

Type	Size	In	Out	Hours	Rotating Hours
Air Hammer	15 in	0.00	32.00	4	3
Air Hammer	11 in	32.00	415.00	4	3
Air Hammer	7 7/8	415.00	2815.00	29	23
Tri-cone	7 7/8	2815.00	3890.00	32	13
	15 in				

Conductor Casing

Bore Hole Size: 15 in Conductor From: 0.00 To: 30.00

Casing Description: 12 3/4 in PE Number of Joints: 1 Set @: 30.00

Cement: Amount:

Cement Report:

Surface Casing

Bore Hole Size: 11 in Surface Casing From: 0.00 To: 415.00

Casing Description: 8 5/8 in 24#/ft J-55 Number of Joints: 14 Set @: 403.60

Cement: G + 2%S-1 + 1/4#/sk D-29 Amount: 80.00

Cement Report: rigged up dowell safty meeting, tested lines, pumped 180 sks of g cement, displaced with 23 bbls. Of fresh water, with 13 bbls. Returns to surface.

Production Casing

Bore Hole Size: 7 7/8 in Prod.Casing From: 0.00 To: 3881.00

Casing Description: 5 1/2 in 17#/ft N-80 Number of Joints: 90 Length: 3881.00

Lead Cement: 50/50 POZ, 8%D20, 10%D44, 2%S001, 1/4#/sk Amount: 380.00
D29

Tail Cement: 10-1 RFC Amount: 85.00

Cement Report: rigged up dowell, safety meeting, tested lines, puped 380 sks of 50/50 poz, & 85 sks of rfc, displaced with 90 bbls of water with 6 bbls returns shut valve @ 2:02pm

Float Equipment: Centralizers ran on:

RECEIVED
10/18/2000
DIVISION OF
OIL, GAS AND MINES

STATE OF UTAH 25-391

Page 1 of 3

Drilling Data

DAY 1 8/15/2000

CURRENT DEPTH: 415 CURRENT OPERATIONS: waiting on cement to set up ROTATING HRS: 6.00

7am-5pm no activity, 5pm-7pm rigged up serviced equipment, 7pm-10pm drilling conductor hole, 10pm-11pm set conductor (30 ft.), 11pm-2am drilling surface hole, 2am-3am tripped out @ 415 ft., set up to run surface pipe, 3am-4am run 403.6 ft. surface pipe rigged up dowell to pump cement, 4am-5am pumped 180 sks cement closed valve @ 5am, 5am-7am waiting on cement to set up.

Estimated Daily Cost:

DAY 2 8/16/2000

CURRENT DEPTH: 1735 CURRENT OPERATIONS: drilling ROTATING HRS: 0.00

7am-9am waiting on cement to set up, 9am-10am broke loose to install bop, 10am-1pm waiting on cement, 1pm-3pm bop test, 3pm-4pm run blow line, 4pm-5pm nipples up to start in hole, 5pm-6pm started in hole, 6pm-7pm drilling, 7pm-10pm @ 865, 10pm-1am @ 1135, 1am-4am @ 1435, 4am-7am @ 1735.

Estimated Daily Cost:

DAY 3 8/17/2000

CURRENT DEPTH: 3410 CURRENT OPERATIONS: drilling 7 7/8 hole ROTATING HRS: 0.00

7am-10am @ 2065, 10am-1pm @ 2275, 1pm-4pm @ 2815, 4pm-9pm tripped out to change bit, 9pm-10pm run drill colars, 10pm-3pm run tripped back in hole with drill pipe, 3pm-4pm drilling @ 3020, 4pm-7pm @ 3410.

Estimated Daily Cost:

DAY 4 8/18/2000

CURRENT DEPTH: 3890 CURRENT OPERATIONS: tripping out of hole ROTATING HRS: 0.00

7am-8am drilling @ 3500, 8am-11am @ 3620, 11am-2pm @ 3740, 2pm-4pm td hole @ 3890, 4pm-7pm cleaned hole pulled rods to check valve, 7pm-9pm mixed muw 7 tubs, 9pm-11:15pm run rods to bottom, 11:15pm-1:15am circulated hole, 1:15am-2:20am shot tripped, back on bottom, 2:20am-4:20am circulated 2hrs., 4:20am-7am tripping out of hole.

Estimated Daily Cost:

DAY 5 8/19/2000

CURRENT DEPTH: 3890 CURRENT OPERATIONS: run casing ROTATING HRS: 0.00

7am-9am tripping out of hole, 9am-10am laid down colars, 10am-1pm moving equipment. Rigged up work over rig & set up pipe racks, unloaded casing log truck tool broke down after ran to td pulled out of hole for repairs, repaired tool logged well shut down casing job till next day.

Estimated Daily Cost:

DAY 6 8/20/2000

CURRENT DEPTH: 3890 CURRENT OPERATIONS: scraper run ROTATING HRS: 0.00

rigged up set pipe racks, talley pipe started in hole with casing ran 90 jts. Of 5 1/2 to 3881.3, rigged up dowell & pumped 380sks lead & 85 sks tail, rigged down dowell & released.

Estimated Daily Cost:

DAY 7 8/21/2000

CURRENT DEPTH: 3890 CURRENT OPERATIONS: none ROTATING HRS: 0.00

talley 2 7/8 tubing & picked up 4 1/2 scraper, tripped in hole with 125 jts. Tagged @ 3880, tripped out laying down , rigged down moved.

Estimated Daily Cost:

RECEIVED

SEP 2000

DIRECTOR OF
OIL, GAS AND MINES

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

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Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

River Gas Corporation

3. Address and Telephone
Number:

6825 S. 5300 W. P.O. Box 851 Price, Utah 84501 (435) 613-9777

4. Location of Well

Footages:

1284' FSL, 1573' FWL

QQ, Sec., T., R., M.:

SE/SW SEC. 25, T14S, R08E, SLB & M

5. Lease Designation and Serial Number:

ML-48186

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Drunkards Wash UTU-67921X

8. Well Name and Number:

Utah 25-391

9. API Well Number:

43-007-30601

10. Field or Pool, or Wildcat:

Drunkards Wash

County: Carbon County

State: Utah

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
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| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
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| <input checked="" type="checkbox"/> Other _____ | Well Report |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

See Attached:

ORIGINAL

RECEIVED
CONFIDENTIAL

SEP 05 2000

DIVISION OF
OIL, GAS AND MINING

13.

Name & Signature: Frankie Hathaway *Frankie Hathaway* Title: Administrative Assistant Date: 8/30/00

(This space for state use only)

DRUNKARDS WASH PROJECT

DAILY WELL REPORT

STATE OF UTAH 25-391

API NO:

885 FSL 1595 FWL

SESW SEC: 25 TWN: 14S RNG: 8E

COUNTY: CARBON

ELEVATION: 6987

DRILLING CONTRACTOR: Ross Well Services

SPUD TIME/DATE: 8/14/2000 7:00:00 PM

TD TIME/DATE: 8/17/2000 3:45:00 PM

TD DEPTH: 3890

ON-LINE TIME/DATE:

Bit Information

Type	Size	In	Out	Hours	Rotating Hours
Air Hammer	15 in	0.00	32.00	4	3
Air Hammer	11 in	32.00	415.00	4	3
Air Hammer	7 7/8	415.00	2815.00	29	23
Tri-cone	7 7/8	2815.00	3890.00	32	13
	15 in				

Conductor Casing

Bore Hole Size: 15 in Conductor From: 0.00 To: 30.00

Casing Description: 12 3/4in PE Number of Joints: 1 Set @: 30.00

Cement: Amount:

Cement Report:

Surface Casing

Bore Hole Size: 11 in Surface Casing From: 0.00 To: 415.00

Casing Description: 8 5/8 in 24#/ft J-55 Number of Joints: 14 Set @: 403.60

Cement: G + 2%S-1 + 1/4#/sk D-29 Amount: 80.00

Cement Report: rigged up dowell safty meeting, tested lines, pumped 180 sks of g cement, displaced with 23 bbls. Of fresh water, with 13 bbls. Returns to surface.

Production Casing

Bore Hole Size: 7 7/8 in Prod.Casing From: 0.00 To: 3881.00

Casing Description: 5 1/2 in 17#/ft N-80 Number of Joints: 90 Length: 3881.00

Lead Cement: 50/50 POZ, 8%D20, 10%D44, 2%S001, 1/4#/sk Amount: 380.00
D29

Tail Cement: 10-1 RFC Amount: 85.00

Cement Report: rigged up dowell, safety meeting, tested lines, puped 380 sks of 50/50 poz, & 85 sks of rfc, displaced with 90 bbls of water with 6 bbls returns shut valve @ 2:02pm

Float Equipment: Centralizers ran on:

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DIVISION OF
OIL, GAS AND MINES

STATE OF UTAH 25-391

Page 1 of 3

Drilling Data

DAY 1 8/15/2000

CURRENT DEPTH: 415 CURRENT OPERATIONS: waiting on cement to set ROTATING HRS: 6.00
up

7am-5pm no activity, 5pm-7pm rigged up serviced equipment, 7pm-10pm drilling conductor hole, 10pm-11pm set conductor (30 ft.), 11pm-2am drilling surface hole, 2am-3am tripped out @ 415 ft., set up to run surface pipe, 3am-4am run 403.6 ft. surface pipe rigged up dowell to pump cement, 4am-5am pumped 180 sks cement closed valve @ 5am, 5am-7am waiting on cement to set up.

Estimated Daily Cost: [REDACTED]

DAY 2 8/16/2000

CURRENT DEPTH: 1735 CURRENT OPERATIONS: drilling ROTATING HRS: 0.00

7am-9am waiting on cement to set up, 9am-10am broke loose to install bop, 10am-1pm waiting on cement, 1pm-3pm bop test, 3pm-4pm run blow line, 4pm-5pm nipples up to start in hole, 5pm-6pm started in hole, 6pm-7pm drilling, 7pm-10pm @ 865, 10pm-1am @ 1135, 1am-4am @ 1435, 4am-7am @ 1735.

Estimated Daily Cost: [REDACTED]

DAY 3 8/17/2000

CURRENT DEPTH: 3410 CURRENT OPERATIONS: drilling 7 7/8 hole ROTATING HRS: 0.00

7am-10am @ 2065, 10am-1pm @ 2275, 1pm-4pm @ 2815, 4pm-9pm tripped out to change bit, 9pm-10pm run drill collars, 10pm-3pm run tripped back in hole with drill pipe, 3pm-4pm drilling @ 3020, 4pm-7pm @ 3410.

Estimated Daily Cost: [REDACTED]

DAY 4 8/18/2000

CURRENT DEPTH: 3890 CURRENT OPERATIONS: tripping out of hole ROTATING HRS: 0.00

7am-8am drilling @ 3500, 8am-11am @ 3620, 11am-2pm @ 3740, 2pm-4pm td hole @ 3890, 4pm-7pm cleaned hole pulled rods to check valve, 7pm-9pm mixed muw 7 tubs, 9pm-11:15pm run rods to bottom, 11:15pm-1:15am circulated hole, 1:15am-2:20am shot tripped, back on bottom, 2:20am-4:20am circulated 2hrs., 4:20am-7am tripping out of hole.

Estimated Daily Cost: [REDACTED]

DAY 5 8/19/2000

CURRENT DEPTH: 3890 CURRENT OPERATIONS: run casing ROTATING HRS: 0.00

7am-9am tripping out of hole, 9am-10am laid down collars, 10am-1pm moving equipment. Rigged up work over rig & set up pipe racks, unloaded casing log truck tool broke down after ran to td pulled out of hole for repairs, repaired tool logged well shut down casing job till next day.

Estimated Daily Cost: [REDACTED]

DAY 6 8/20/2000

CURRENT DEPTH: 3890 CURRENT OPERATIONS: scraper run ROTATING HRS: 0.00

rigged up set pipe racks, talley pipe started in hole with casing ran 90 jts. Of 5 1/2 to 3881.3, rigged up dowell & pumped 380sks lead & 85 sks tail, rigged down dowell & released.

Estimated Daily Cost: [REDACTED]

DAY 7 8/21/2000

CURRENT DEPTH: 3890 CURRENT OPERATIONS: none ROTATING HRS: 0.00

talley 2 7/8 tubing & picked up 4 1/2 scraper, tripped in hole with 125 jts. Tagged @ 3880, tripped out laying down , rigged down moved.

Estimated Daily Cost: [REDACTED]

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7/18/2000

DIVISION OF
OIL, GAS AND MINES

CONFIDENTIAL

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

ML-48186

6. If Indian, Allottee or Tribe Name

N/A

7. Unit Agreement Name:

Drunkards Wash UTU-67921X

8. Well Name and Number:

Utah 25-391

9. API Well Number:

43-007-30601

10. Field or Pool, or Wildcat:

Drunkards Wash

County: Carbon County

State: Utah

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

River Gas Corporation

3. Address and Telephone Number:

6825 S. 5300 W. P.O. Box 851 Price, Utah 84501 (435) 613-9777

4. Location of Well Footages:

1284' FSL, 1573' FWL

QQ, Sec., T., R., M.:

SE/4 SW/4 SEC. 25, T14S, R08E, SLB & M

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Plug and Abandon</u> | |
- Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |
- Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

River Gas Corporation is proposing to plug and abandon the Utah 25-391 drill hole. There is insufficient bonding around the 5 1/2" production casing that appears to be impossible to remedy. In order to plug the well, two plugs will be set. The bottom plug will be set at 3450', cement will be placed in the casing to an elevation of 3150'. The second plug will be set 500' below the surface, cement will be placed above the plug to 3' below the surface. The pipe will be cut off 3' below the surface and a marker plate welded on top of the pipe, then buried. The hole will be re-drilled on the existing well pad location 20' south of the plugged and abandoned hole.

COPIES SENT TO OPERATOR

9-28-00
CHD

13.

Name & Signature: Jean Semburski

Title: Permit Specialist

Date: 9/28/2000

(This space for state use only)

APPROVED *

The Utah Division of Oil, Gas and Mining
Robert J. Krueger, PE, Petroleum Engineer

(See Instructions on Reverse Side)

Date: 9-28-00

* Bottom Plug shall be tagged to verify top (4/24) prior to setting Surface plug.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____										5. LEASE DESIGNATION AND SERIAL NO. ML-48186	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____										6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Phillips Petroleum Company										7. UNIT AGREEMENT NAME Drunkards Wash UTU-67921X	
3. ADDRESS OF OPERATOR 6825 S. 5300 W. P.O. Box 851 Price, Utah 84501 (435) 591-2121										8. FARM OR LEASE NAME Utah	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface -885' FSL & 1595' FWL At top prod. interval reported below 1784 1573 At total depth 1784 1573										9. WELL NO 25-391	
14. API NO. 43-007-30601										DATE ISSUED 2/22/00	
15. DATE SPUNDED 8/14/00										16. DATE T.D. REACHED 8/17/00	
17. DATE COMPL. (Ready to prod.) 8-21-00 (Plug & Abd.)										18. ELEVATIONS (DF, REB, RT, GR, ETC.) GR 6987'	
20. TOTAL DEPTH, MD & TVD 3890'										21. PLUG BACK T.D., MD & TVD 3881'	
22. IF MULTIPLE COMPL., HOW MANY N/A										23. INTERVALS DRILLED BY ROTARY TOOLS to TD CABLE TOOLS N/A	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD OR TVD) P&A'd this well due to long string cement no good on this job. Requested rig skid and redrilled.										25. WAS DIRECTIONAL SURVEY MADE N/A	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction, Laterolog, SFF, GR, Caliper, Comp Density, & Neutron-8-15-00										27. WAS WELL CORED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> DRILL STEM TEST YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Submit analysis) (See reverse side)	
28. CASING RECORD (Report all strings set in well)										29. LINER RECORD	
CASING SIZE		WEIGHT, LB/FT.		DEPTH SET (MD)		HOLE SIZE		CEMENT RECORD		AMOUNT PULLED	
12 3/4"		Conductor		30'		15"		80 sks Class G, 2% CaCl, 4% Gel, & 1/4#/sk Floccel			
8 5/8"		24#		403'		11"		380 sks 50/50 POZ, 8% D-20, 10% D-44, 2% S-I,			
5 1/2"		17#		3881'		7 7/8"		85 sks 10-1 RFC (Thixotropic)			
30. TUBING RECORD										31. PERFORATION RECORD (Interval, size and number)	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT		SCREEN (MD)		PACKER SET	
								2-7/8"		N/A	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.										33. PRODUCTION	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED									
		RECEIVED									
		JAN 3 2001									
		DIVISION OF OIL, GAS AND MINING									
		OIL, GAS AND MINING									
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Pumping--2 1/2" x 2" x 16" RWAC								WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST		HOURS TESTED 24hrs.		CHOKE SIZE -----		PROD'N FOR TEST PERIOD OIL---BBL. N/A GAS---MCF. N/A WATER---BBL. N/A		GAS-OIL RATIO N/A			
FLOW TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE N/A		OIL---BBL. N/A GAS---MCF. N/A WATER---BBL. N/A		OIL GRAVITY - API (CORR.) N/A			
34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.) SOLD										TEST WITNESSED BY Jerry H. Dietz	
35. LIST OF ATTACHMENTS											

36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Jean Semborski TITLE Permitting Specialist

DATE 1/15/01

WELL NUMBER: Utah 25-391

37 SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP MEAS. DEPTH	TRUE VERT. DEPTH
Ferron	3408'	3590'	Coals and Sandstones Coal Interval: 3408'-3590'	Blue Gate Bentonite	3233'	
				Tununk Shale	3732'	
				Ferron Sandston	3407'	

INSPECTION FORM 4 STATE OF UTAH
DIVISION OF OIL GAS AND MINING

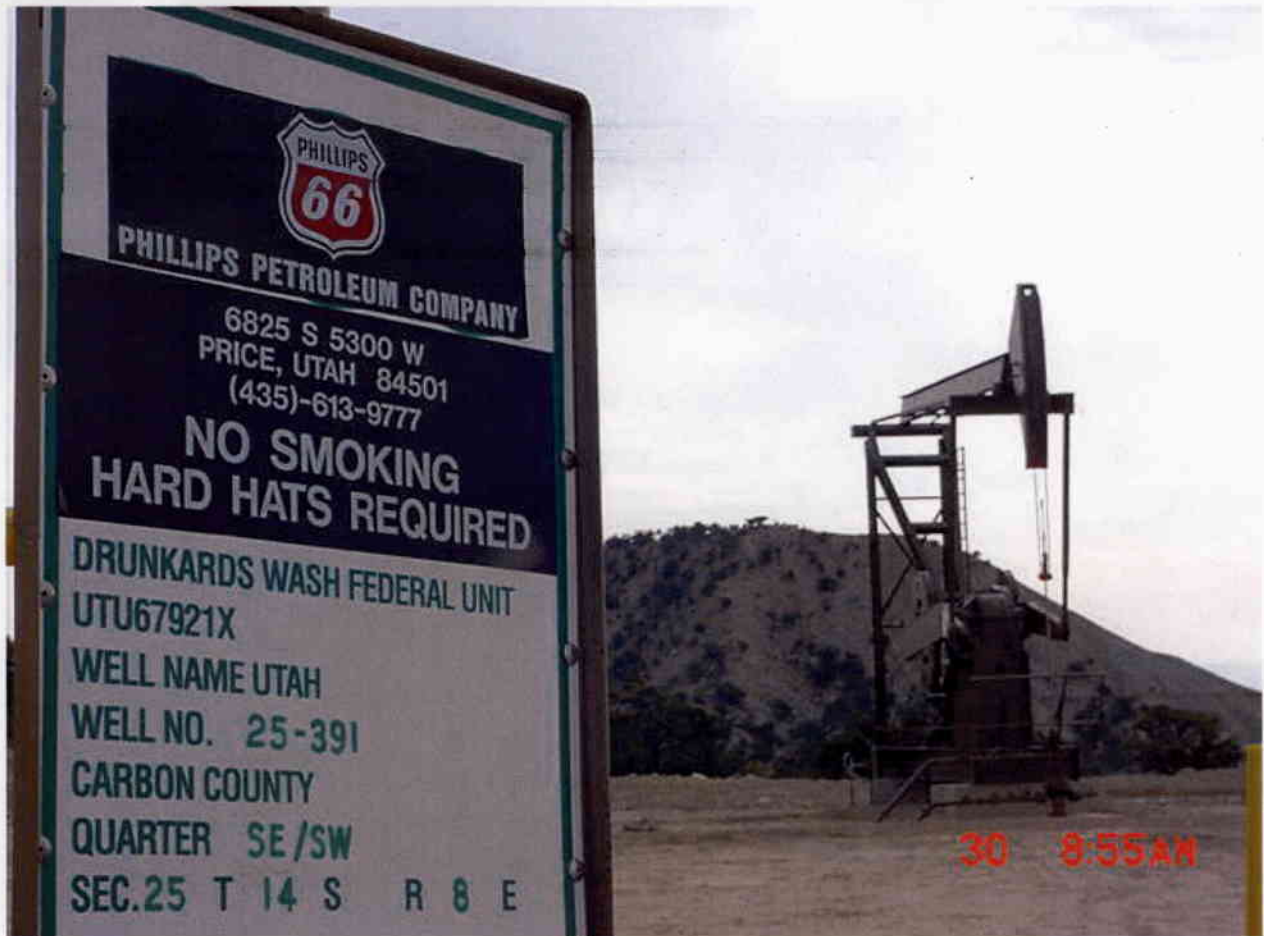
OIL AND GAS PRODUCTION FACILITIES

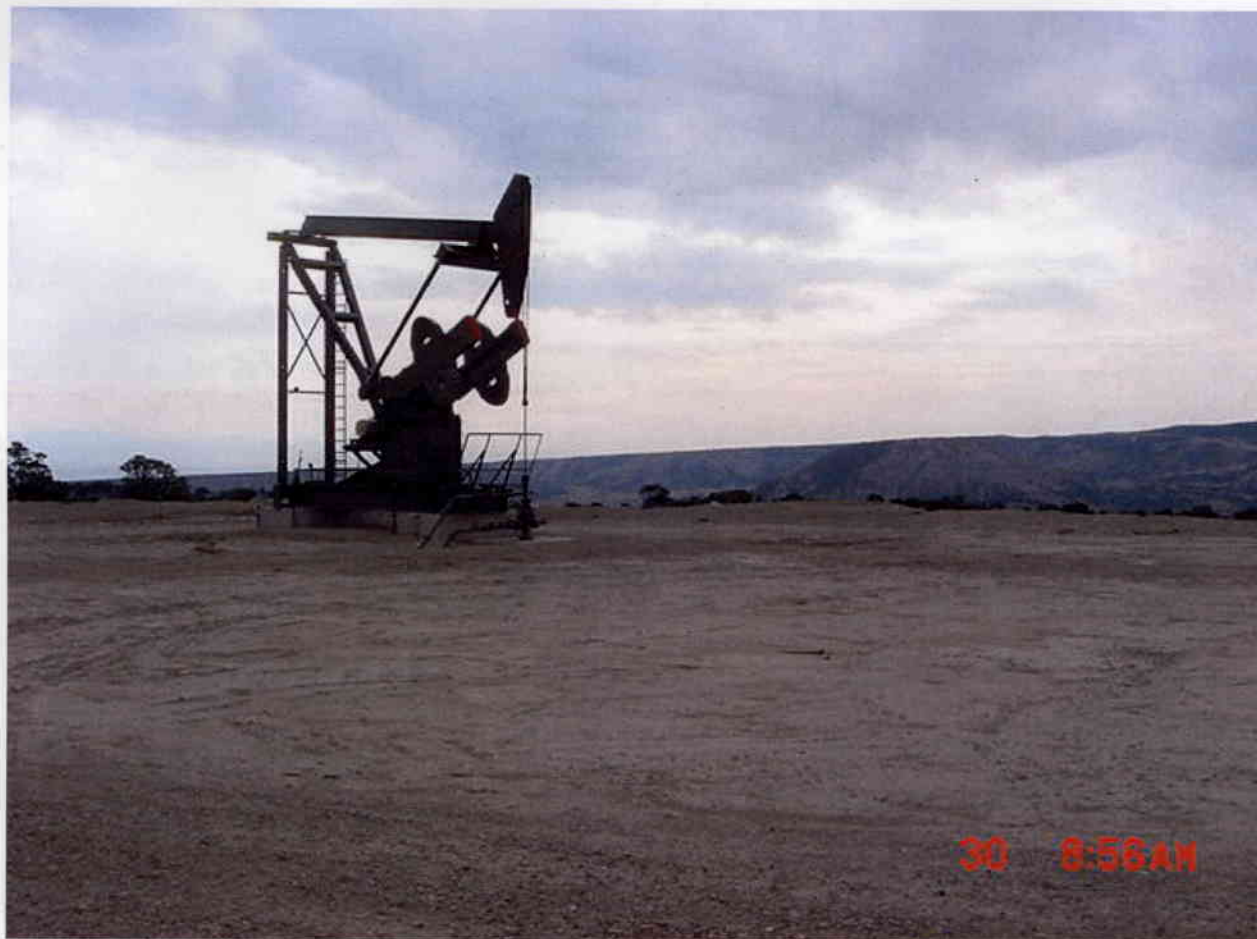
Well Name: <u>Utah 25-391</u>	API Number: <u>43-007-30601</u>
Qtr/Qtr: _____	Section: <u>25</u> Township: <u>14 S</u> Range: <u>8 E</u>
Company Name: <u>River Gas</u>	
Lease: State <u>X</u>	Fee _____ Federal _____ Indian _____
Inspector: <u>Mark L. Jones</u>	Date: <u>8/30/2001</u>

Type of Inspection: Routine Complaint Other Bond Release

Well status at time of visit: Producing _____ Shut-in _____ Other PA

COMMENTS: There is a producing gas well on this location with the same above name however operating under a different API# (43-007-30658). According to records on file with DOGM and produced by River Gas (now Phillips) the well in question was PA due to a poor cement bonding. There was a rig skid ~20' south of original drill hole. There is no visible evidence of the original well. The location looks good and was built per APD specifications. Photos were taken at time of inspection.





INSPECTION FORM 4 STATE OF UTAH
DIVISION OF OIL GAS AND MINING

OIL AND GAS PRODUCTION FACILITIES

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